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Madison College (Harrisonburg, Va.)

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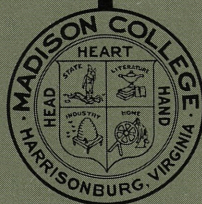
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BULLETIN MADISON COLLEGE

SUMMER
SESSION
1966



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SUMMER SESSION CALENDAR

1966

JUNE

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

- June 11—Dormitories open for Intersession students.
- June 13—Dining room opens—Breakfast is the first meal served.
- June 13—Registration for Intersession, 8:00 A.M.—4:30 P.M.
- June 13—Classes begin. Classes meet 10:00 A.M.—1:00 P.M. on Registration Day.
- June 18—Dormitories open for Eight-Week Session. Reservations held only until 6:00 P.M. Monday, June 20.
- June 19—Dining room opens—Supper is the first meal served.
- June 20—Registration for the Eight-Week Session. 9:00 A.M.—12:00 Noon, 1:30 P.M.—4:30 P.M.
- June 21—Classes begin for the Eight-Week Session.
- June 28—Junior English Proficiency Test (Objective) 1:30 P.M.
- June 29—Junior English Proficiency Test (Essay) 1:30 P.M.

JULY

S	M	T	W	T	F	S
				1	2	
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

- July 1—Examinations for Intersession Courses—9:00 A.M.—12:00 A.M.
- July 4—Holiday.
- July 5—Registration for Six-Week Session, 7:30 A.M. Classes begin. Period 1 classes meet 2:00 P.M.—3:20 P.M. on day of registration. Other classes meet on regular schedule.
- July 9—Classes will be held to make up July 4 holiday.
Graduate Record Examination, 8:00 A.M.—12:00 Noon.
- July 12—Institute on Public Education—8:00 P.M.
- July 13—Institute on Public Education.
- July 16—Comprehensive Examinations.

AUGUST

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

- August 10—7:15 A.M.—August 12, 12:30 P.M.—Examination Period (Undergraduate).
- August 11—7:15 A.M.—August 12, 12:30 P.M.—Examination Period (Graduate).
- August 12—Final Exercises—Conferring of degrees—8:00 P. M. Summer Session ends.
- August 13—Dining room closes after breakfast is served. Dormitories close at noon.

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BULLETIN MADISON COLLEGE

HARRISONBURG, VIRGINIA

SUMMER SESSION, 1966

FOR MEN AND WOMEN

EIGHT-WEEK SESSION—JUNE 20-AUGUST 12

Undergraduate Courses

Registration—June 20 — { 9:00 A.M.—12:00 Noon
 1:30 P.M.—4:30 P.M.

INTERSESSION—JUNE 13 - JULY 1

Graduate Courses Only

Registration—June 13—8:00 A.M. - 9:00 A.M.

SIX-WEEK SESSION—JULY 5 - AUGUST 12

Graduate Courses Only

Registration—July 5—7:30 A.M.

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WITH YOU WHEN YOU REGISTER**

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GLADYS J. SHIFFLET, *Instructor of Education; Supervisor of Lower Grades.* B.S. in Ed., Madison College.

MARY LEE LONG, *Instructor of Education; Supervisor of Lower Grades.*
B.S. in Ed., Madison College; M.A., George Peabody College for
Teachers.

EMILY V. BUSHONG, *Assistant Professor; Supervisor of Upper Grades.*
B.S. in Ed., Madison College; M.Ed., University of Virginia.

ZULA H. MASON, *Assistant Professor of Library Science; Librarian.*
B.A., Blue Mountain College; M.A. in L.S., Appalachian State
Teachers College.

INTRODUCTION TO MADISON COLLEGE

Madison College, a State-aided, general college of arts and sciences, was established in 1908 by the Legislature of Virginia. It is operated under the supervision, management, and government of the Board of Visitors. The College enrolls at the present time more than 2,400 students in the Winter Session and approximately 1,400 in the Summer Session.

The overall purpose of Madison College is to educate students for the responsibilities of life and leadership in the State and Nation. To this end the College has been authorized by the State Board of Education to confer three baccalaureate and three post-baccalaureate degrees: Bachelor of Arts, Bachelor of Science, Bachelor of Music Education, Master of Arts in Education, Master of Science in Education, and Master of Science.

The basic educational philosophy of the College is that of a liberal arts education. In order to fulfill its major vocational function of producing teachers for the public schools of the Commonwealth of Virginia, the College has an outstanding program of professional education. The combination of a strong liberal arts curriculum, a superior program of professional education and a competent and dedicated faculty has given Madison College an enviable reputation in the education of teachers.

Two distinct curricula are offered by the College leading to the Bachelor of Arts degree and twelve leading to the Bachelor of Science degree. Liberal Arts curricula are available for students who wish to prepare for further graduate study. In addition to preparing for teaching positions, the College offers programs which lead to positions in business as secretaries, or accountants, in home economics as dietitians, institution managers or commercial application of home economics. Pre-professional programs are offered for nurses, medical technologists, physical therapists, social workers and students of law, medicine, and dentistry.

Madison College is accredited by:

The Southern Association of Colleges and Schools

The National Council for Accreditation of Teacher Education
for Preparation of Elementary Teachers and Secondary
Teachers with the Master's Degree as the Highest Degree
Offered

The Virginia State Board of Education

It is a member of:

The American Association of Colleges for Teacher Education

The Association of American Colleges

The Association of Virginia Colleges

The National Commission on Accrediting (not an accrediting
agency)

The Association of State Colleges and Universities

The American Council on Education

THE CAMPUS AND BUILDINGS

LOCATION—ENVIRONMENT

Harrisonburg is a city of 15,000 people situated near the center of the beautiful Shenandoah Valley, midway between the Alleghany Mountains and the Blue Ridge. The colorings and outlines of the mountains form an attractive background for the College. The elevation of 1,300 feet often provides an invigorating atmosphere and cool nights.

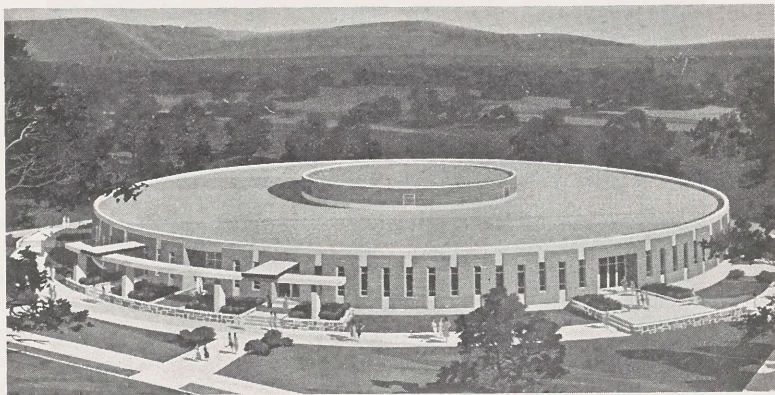
The presence in the Valley of a number of caverns, the Shenandoah National Park, the Skyline Drive, the George Washington National Forest, the Natural Bridge, and a great variety of mountain scenery makes an interesting area of the land surrounding the College.

BUILDINGS AND GROUNDS

The College campus consists of 302 acres facing on the famous Valley Pike, the Main Street of the City of Harrisonburg.

The College plant represents a total value in excess of \$16,000,000. The College group consists of 34 buildings; 24 of them being constructed of native blue limestone.

The College plant consists of an administration building, Wilson Hall; a service building, Harrison Hall; a science building, Burruss Hall; a home economics building, Moody Hall; the health education building, Keezell Hall; a business education building, Maury Hall; the Madison Memorial Library; a student activities building, Alumnae Hall; the dining hall; Anthony-Seeger Campus School; Walter Reed Infirmary; the President's residence, Hillcrest; Varner House, a home management house for home economics; Field House; Wellington Apartments for faculty members; and seventeen dormitories or residence halls—Jackson, Ashby, Spotswood, Sheldon, Johnston,



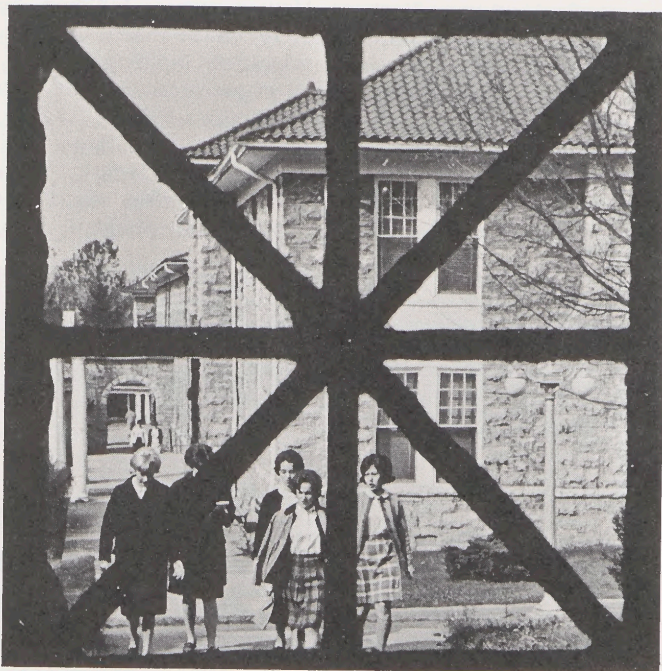
Converse, Cleveland, Logan, Gifford, Wayland, Hoffman, Lincoln House, Zirkle House, Nicholas House, Baker House, Steele House and Shenandoah Apartments. The special facilities include two gymnasiums and an indoor swimming pool.

LIBRARY

The Madison Memorial Library building contains over 120,000 volumes which have been carefully selected to implement the instructional program of the College and to help the student gain a cultural background for personal growth. The book collection is supplemented by over 640 current periodicals and eighteen newspapers and by collections of films, film-slides, recordings, and pamphlets. The Library is organized to give students maximum freedom in the use of all library materials.

LABORATORIES

Excellent laboratory facilities are available for work in biology, business education, chemistry, physics, home economics, audio-visual education, foreign language, and fine and industrial arts. The kitchen, dining halls, and the college tearoom are used as laboratory facilities in institution management.



THE SUMMER SESSION

The program for the 1966 Summer Session at Madison College has been designed to serve a wide variety of students. It makes available to Madison students, to students from other colleges, to teachers in elementary and secondary schools and to other scholars a wide variety of courses, both academic and professional. The Summer Session program is especially planned for:

1. Teachers who wish to meet the requirements for the bachelor's degree.
2. Teachers who desire to earn credits to be used in renewing certificates.
3. Teachers interested in attaining greater competence in the subjects which they are teaching.
4. Graduates of liberal arts colleges who wish to qualify for the Collegiate Professional Certificate.
5. Undergraduates of Madison College who wish to accelerate their programs, or who desire to adjust any irregularities in their programs of study.
6. High school graduates who wish to enter college during the summer, and who may want to complete their work for a degree in three calendar years.
7. Undergraduates from other colleges and universities who may wish to take advantage of summer instruction at Madison College and transfer earned credits to their own institutions.
8. Students who desire to take graduate courses.
9. Students who wish to study for the degrees of Master of Arts in Education, Master of Science in Education, or Master of Science.

THE ACCELERATED PROGRAM

Madison College was the first Virginia college to organize its work on an all-year basis. It has been possible for more than thirty years for students to complete a four-year curriculum at Madison College in three years by taking work in Summer Sessions as well as the Regular Sessions. If a student wishes to enter the accelerated program, he should, with the help of his adviser, make out a complete tentative three-year program. This is necessary in order to schedule a four-year program into three years.

ACCELERATION FOR FRESHMEN STUDENTS

Acceleration for freshmen may be accomplished by freshmen entering college in June and completing the work three years hence.

All freshmen who are admitted in June, should have their program of study approved by the Dean of the College.

THE ACCELERATED PROGRAM FOR UPPERCLASSMEN

Upperclassmen who decide to finish a four-year curriculum in three calendar years need to make choices with special care in the Summer Session.

FACULTY ADVISERS

If the student needs assistance in planning his program, he should seek the help of his adviser or the department chairman of his major subject. Students in the program for pre-service elementary teachers (Curriculum I) should consult Miss Winn.



ADMISSION

Application

A formal application for admission to the Summer Session is required of all students who wish to attend the Summer Session. An application for admission form may be obtained by writing to the Dean of the College. A post card for this purpose may be found inside the back cover of this bulletin. The application form should be completed carefully and returned as soon as possible.

Beginning with the 1966 Summer Session, a \$5.00 application fee must accompany the application. This application fee is not refundable, will not be transferable to another session, and will not be credited to the student's account. In addition, a room reservation deposit of \$15.00 will be required of all students living on campus. This deposit is not an additional expense but will be credited to the student's account upon his registration and enrollment in Madison College. It is refundable only if the application is cancelled before May 1, or if the application is disapproved. This room reservation deposit must be paid also for each child who will accompany his parent to the Summer Session.

Rooms for the 1966 Summer Session will be assigned in the order that applications are received. After the admission has been approved, the Dean of Women will make the room assignment. All students will be notified of their room assignments by the Dean of Women early in June. On arrival on campus the student should report directly to the hostess in the dormitory to which assignment has been made.

To be admitted to the Summer Session, the applicant must be a graduate of an accredited high school or secondary school and must have such records as to recommend him for admission to college. In addition to satisfactory academic qualifications, the applicant must be in good health, free from any communicable disease, and physically capable of performing the usual duties required by the College program. Any student who withholds pertinent information may be asked to withdraw from the College.

Admission to the Summer Session does not imply admission to the regular session. If the student enters the Summer Session with the intention of continuing on for the regular session, he must submit a formal application for admission to the Director of Admissions. (For admission policies of the College see the regular session catalog for 1965-66.)

Summer School applicants fall into two general classifications: entering freshmen (no previous college work) and advanced students (previous college attendance).

Entering Freshmen

An entering freshman must submit a transcript of his high school record, scores on the Scholastic Aptitude Test of the College Entrance Examination Board, and a recommendation from his high school principal. Each applicant is considered on his individual merits in accordance with the policies established by the College Committee on Admissions.

Advanced Students

An advanced student who wishes to earn credits in the Summer Session must be in good standing at the last college or university he attended or must have been honorably dismissed from that institution. Evidence to this effect must be submitted along with the student's application for admission.

An advanced student who wishes to earn credits in the Summer Session to transfer to another college must submit a "Statement of Good Standing" from the college to which the credits are to be transferred. A blank for this purpose may be found at the back of this catalog. This form should be filled in by the dean or registrar and returned to the Director of the Summer Session, Madison College.

An advanced student who wishes to earn credit for the renewal of a teaching certificate must submit a "Statement of Good Standing" or "Honorable Dismissal" from the last college attended. A blank for this purpose may be found at the back of this catalog. This form should be filled in by the dean or registrar and returned to the Director of the Summer Session, Madison College.

An advanced student transferring from another college (fully accredited) who wishes to complete degree requirements at Madison College must satisfy the entrance requirements. He should request the registrar or dean of the college he has attended to send a full statement of credits to the Director of the Summer Session, Madison College, well in advance of the opening of the Summer Session.

Veterans

Veterans are admitted to Madison College under the Public Laws granting educational benefits to veterans.

EXPENSES

The College reserves the right to adjust these fees and charges if deemed advisable by the Board of Visitors because of rising costs or other conditions. Expenses will be due and payable, in full, upon entrance.

UNDERGRADUATE

Eight-Week Courses

General fees	\$ 87.00
Campus fee	3.00
Board, room and laundry	120.00
<hr/>	
Total charges for Virginia students	\$210.00
Tuition fee for out-of-state students	75.00
<hr/>	
Total charges for out-of-state students	\$285.00

Special students taking one eight-week course for less than six semester hours credit will be charged \$44.00 general fees, \$37.50 out-of-state tuition if applicable, and other fees as listed above.

GRADUATE

Interession

Three-Week Courses

General fees	\$ 44.00
Campus fee	1.00
Board, room and laundry	45.00
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Total charges for Virginia students	\$ 90.00
Tuition fee for out-of-state students	37.50
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Total charges for out-of-state students	\$127.50

Six-Week Courses

General fees (two courses)	\$ 87.00
Campus fee	2.00
Board, room and laundry	90.00
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Total charges for Virginia students	\$179.00
Tuition fee for out-of-state students	75.00
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Total charges for out-of-state students	\$254.00

Graduate students taking only one class in the six-week session will be charged \$44.00 general fees, \$37.50 out-of-state tuition if applicable, plus other fees as listed.

Thesis: Graduate students registering for a thesis will be charged a fee of \$90.00. This amount is to be paid only once.

The foregoing schedule of fees does not cover cost of books and supplies, but does cover laboratory fees.

The fees for one course of eight weeks for less than six semester hours credit will be \$44.00, the fees for two or more courses will be \$87.00. Students taking a single course for the full term for which six semester hours of credit will be allowed, will be charged the full general fee of \$87.00.

Students who take two courses in the eight-week session plus one course in the six-week session, or one course in the eight-week session plus two courses in the six-week session, will be charged according to the schedule of fees as listed for the different sessions.

For information as to the charge for the special short course listed below, see page reference.

Massanetta Music Workshop—(see page 72)

Auditing: Auditors of classes, who are not taking courses for credit, will pay the same General Fee as regular students.

Diploma Fee: A fee of \$5.00 for a Bachelor's diploma and a fee of \$7.50 for a Master's diploma will be charged.

Student Teaching: Any student taking student teaching will be classified as a full-time student and will be charged full rates.

Single Room (one occupant only): If any student wishes to room alone she may secure such accommodations by paying \$12.00 additional.

Fees for room, board, and laundry are \$15.00 per week and for fractional parts of a week \$2.25 per day. This is not applicable to regular dormitory students.

Mail service fee is included in the General Fee.

All financial accounts must be settled before the award of any diploma or certificate credit.

Beginning with the 1966 Summer Session, a \$5.00 application fee must accompany the application blank. This application fee is not refundable, will not be transferable to another session, and will not be credited to the student's account. In addition a room reservation fee of \$15.00 will be required of all dormitory students. This fee is not an additional expense but will be credited to the student's account

upon his registration and enrollment in Madison College. This room reservation fee also applies to each child who will accompany his parent to the Summer Session.

REFUNDS

The following charges and refunds apply to students withdrawing from the College and to late entrances and absences.

Fees: (1) *Withdrawal from the College for reasons other than illness or unavoidable emergency.* A student who withdraws from the College within five days after reporting for registration will have all fees rebated except \$15.00 to cover the cost of registration. A student who withdraws from the College after five days or before the middle of the session will be charged one-half of the general fee and there will be no refund of other fees. A student, paying full fees, who withdraws at the middle of the session will be charged two-thirds of the general fee and all other fees. No rebate of fees will be made after the middle of the session.

(2) *Withdrawal from the College due to illness or unavoidable emergency.* A student who withdraws from the College due to illness certified by a physician or for unavoidable emergency or extenuating circumstances approved by the President of the College will be charged a prorata share of all fees.

Room Rent, Board and Laundry: Room rent (including the room deposit of \$15.00) will not be refunded except in case of personal illness, certified by a physician, or for unavoidable emergency or extenuating circumstances to be approved by the President of the College. In such cases the room rent will be prorated for the actual time in residence. Refunds for table board and laundry will be prorated for the time missed.

Enforced Withdrawals: Any refunds made to students whose connections with the College terminate on account of disciplinary action or enforced withdrawal will be at the discretion of the President of the College.

Late Entrance and Absences: No adjustment in the charge for room and board will be made for late entrance.

Room Deposit Fee: The room deposit fee of \$15.00 is not refunded unless the student is refused admission by the College, or unless she cancels her application prior to May first.

FINANCIAL AIDS

SCHOLARSHIPS

SUMMER SESSION TEACHING SCHOLARSHIPS (for teachers in the field).

At the 1947 Special Session of the Virginia General Assembly, a system of State Scholarships was established for Virginia teachers attending Summer School in Virginia Colleges. At succeeding sessions appropriations for such scholarships, which are awarded under rules and regulations of the State Board of Education, have been continued.

I. GENERAL ELIGIBILITY

A. The candidate must:

1. Be a resident of Virginia.
2. Be under contract with a Virginia school board for the ensuing session and expected to teach the subject, subject area, or grade to be studied.

II. SPECIFIC REQUIREMENTS

A. *Undergraduate Scholarship Assistance.* The candidate must:

1. Be enrolled in an accredited State-supported or private non-sectarian Virginia institution of higher learning in a summer session for not less than three semester hours.
2. Be in one of the following categories:
 - a. A college graduate who enrolls in courses leading to the Collegiate Professional Certificate.
 - b. A holder of a Collegiate or Collegiate Professional teacher's certificate who enrolls in courses leading to an acceptable endorsement not now on his certificate in order to prepare for a teaching assignment effective in the fall of the current year.
 - c. A teacher who enrolls in courses in Educational Television, Guidance, Training of the Handicapped, or in subjects usually taught in the elementary school at the request of the superintendent in order to prepare for a teaching assignment effective in the fall of the current year.
 - d. Have two or more years of college work (at least 60 semester hours) and be enrolled in courses leading to a degree. This includes holders of the Normal Professional Certificate, and Special License (or equivalent). Consideration will be given to applications of a limited number of teachers who have completed

less than 60 semester hours of college work. Such applications will be processed as special cases in terms of the recommendation of the division superintendent and the availability of teacher scholarship funds.

III. APPLICATION PROCEDURES

A. Undergraduate Scholarship Assistance

The division superintendent of schools under whom the applicant has taught or will teach must recommend the candidate for enrollment in the undergraduate courses. Each superintendent is invited to submit *eight (8)* applications. *A total of approximately 1,040 scholarships will be awarded.* Any unused part of the quotas allocated for divisions will be re-allocated from time to time to divisions where they can be used advantageously.

- B. Applications must be submitted on official forms to the Department of Education by April 1.

IV. PAYMENT TO TEACHERS

When the candidate has been approved and has submitted a properly completed promissory note and has been reported by the institution as enrolled in courses in the summer session, a check will be sent to the candidate in care of the College. Reimbursement will be at the rate of \$20.00 per semester hour of credit: Minimum—3 semester hours, \$60.00; maximum—9 semester hours, \$180.00. In no instance will the amount reimbursed exceed the actual college resident cost of tuition, required fees, room and board.

V. PROMISSORY NOTES AND CANCELLATION

The candidate must agree to execute a note to the Commonwealth of Virginia for the amount of scholarship aid received, which obligation shall bear interest at the rate of 3% per year. This note must be endorsed by a responsible adult, who is a resident of Virginia. The obligation including interest can be cancelled by teaching the following year in the public schools of Virginia. The State Board of Education may, in its discretion, postpone the period of teaching to cancel the scholarship.

The candidate must agree that in case he or she fails to complete at the expected time the study for which aid is given, or fails to complete at the expected time the year of teaching necessary to cancel the obligation, the loan, together with accrued interest, will become due and payable; provided, how-

ever, that for extenuating circumstances the State Board of Education may, in its discretion, extend the time for teaching to cancel the loan repayment. If it becomes necessary for this note to be collected by an attorney, the maker and endorser must agree to pay fifteen per centum collection charges as an attorney's fee in addition to the amount due on same at the time of collection.

When and if the candidate performs required military service, the time for teaching to cancel the promissory note will be postponed for the period of required service. If the note is not cancelled by teaching, there will be no suspension of interest because of the military service. If the maker voluntarily reenlists, the note will become due and payable, both principal and interest.

In the event of the death, or illness of prolonged and serious nature, of the recipient of scholarship aid prior to cancellation by teaching service, the State Board of Education may, in its discretion, cancel both principal and interest, in whole or in part.

PRORATED SUMMER QUARTER STATE TEACHERS SCHOLARSHIPS (for students currently enrolled in college and for teachers who attend summer school and plan to continue on in college for the regular session).

The General Assembly of Virginia has provided funds for a number of scholarships at Madison College for students who are preparing to be teachers in the Virginia Public Schools. A qualified student who continues study in a summer quarter in order to secure a degree in less than four calendar years may be considered eligible for a Prorated Summer Quarter State Teachers Scholarship. This study should consist of approximately ten (10) semester hours of credit toward the baccalaureate degree, and scholarship aid for this purpose will be available at the rate of \$117.00 per summer quarter for a full class load of ten (10) semester hours. (Minimum six (6) semester hours. Rate \$12.00 per semester hour not to exceed \$117.00 for the summer quarter.) The qualifications are: Be a resident of Virginia enrolled in an approved course of study which includes student teaching and qualifies him for a Collegiate Professional Certificate, and possess scholastic ability and personal characteristics desirable for teaching. These scholarship obligations may be cancelled with no repayment of money, by teaching after graduation from college one full school year in the Virginia Public Schools for each scholarship held. *Applications may be obtained from the Office of Admissions and Student Aid, Madison College, upon request from February first to April first.*

POST-BACCALAUREATE SCHOLARSHIP ASSISTANCE

In the summer of 1964 a Post-baccalaureate Scholarship Assistance Program was made available for Virginia teachers holding certificates.

A request to the 1966 Session of the General Assembly of Virginia for funds for the renewal and expansion of this program is being made by the State Board of Education. If approved, it is anticipated that the enlarged program will be similar to the one in operation for the past two years. After action by the General Assembly, the list of courses offered at Madison College for which post-baccalaureate scholarship assistance will be available will be sent to the Division Superintendent and appropriate members of his instructional staff. For further information on this program the teacher should consult his division superintendent of schools.

As a guide, the Post-baccalaureate Scholarship Assistance Program in effect for the past two years is set forth below.

I. GENERAL ELIGIBILITY

A. The candidate must:

1. Be a resident of Virginia.
2. Be under contract with a Virginia school board for the ensuing session and expected to teach the subject, subject area, or grade to be studied.

II. SPECIFIC REQUIREMENTS

A. The candidate must:

1. Hold a Virginia teacher's certificate in force and be endorsed in the subject, subject area, or grade to be taught.
2. Be enrolled in an accredited State-supported or private non-sectarian Virginia institution of higher learning in a summer session for not less than three graduate or undergraduate semester hours in one of the following areas: History, Economics, Government, English, Foreign Language, Guidance, Mathematics, Science, Reading, or other subjects usually taught in the elementary schools.

III. APPLICATION PROCEDURES

- A. Each division superintendent of schools is invited to nominate *five* participants from his school division(s) to enroll in graduate summer school courses designed to assist

teachers to deepen and broaden their knowledge of subject-matter content, particularly with reference to current subject-matter developments in their respective teaching fields. *A total of approximately 500 scholarships will be awarded.* Any unused part of the quotas allocated for divisions will be re-allocated from time to time to divisions where they can be used advantageously.

- B. Nominations are made in triplicate on official forms and the first two copies are sent to the Office of Teacher Education not later than April 1.

The need for applications being submitted by this date is two-fold: First, the College must be advised as early as possible of those who will enroll in summer programs in order to review the credentials of the applicants and to arrange the appropriate courses. Also, the State Department Office must have sufficient time to process the applications, make re-allocations, prepare the Approval Notices, and the like. The entire month of April will be needed for this purpose.

IV. PAYMENT TO TEACHERS (See IV page 25.)

V. PROMISSORY NOTES AND CANCELLATION (See V page 25.)

STUDENT EMPLOYMENT

Dining Hall Service: Students are employed as waitresses and waiters in the dining hall at Madison College and for their services they receive compensation for the summer session ranging from \$80.00 to \$120.00 depending upon the number of hours worked. The students who receive this employment are selected on the bases of merit, date of application, financial need, and other qualifications. Applications are received in the Office of Admissions and Student Aid, and they should be filed at an early date.

Ten-Hour Service: The College provides employment for about forty (40) students who serve as assistants in the library, laboratories, administrative offices, dormitories, and in the recreational program. The compensation for these positions is approximately \$80.00 for ten hours work per week for the Summer Session.

NATIONAL DEFENSE STUDENT LOANS

Madison is also participating in the National Defense Student Loan Program for undergraduate students. A student may borrow up to \$1,000 a year from this loan fund with a maximum limit of \$5,000. These loans bear no interest while the student is in college and he has up to 10 years to repay them. If a student will teach after graduation,

one-half of the loan will be canceled over a period of 5 years. These loans are granted upon the basis of ability and need with priority accorded the student with superior academic background.

APPLICATION PROCEDURE

Students desiring to apply for a Prorated Summer Quarter Teachers Scholarship or Student Employment, or wishing to borrow from the loan funds, may obtain an application blank from the Office of Admissions and Student Aid, Madison College. These applications should be filed as early as possible.

STUDENT LIFE

LIVING ACCOMMODATIONS

WOMEN STUDENTS

The College is able to supply dormitory and dining room accommodations to all of its women students without crowding. The majority of the rooms are double rooms furnished for two persons. A limited number of rooms furnished for one person are available at a small additional cost. No rooms in Hoffman Hall will be available for single occupancy.

MEN STUDENTS

In compliance with legislation enacted at the 1964 session of the General Assembly, men are not permitted to reside in college housing facilities. Men may obtain rooming accommodations in the community. Men are permitted to take their meals in the College Dining Hall.

MOTHERS AND THEIR CHILDREN

For approximately eighteen years, Madison College has provided dormitory and other campus facilities for mothers who bring children with them to the summer session. Because of new construction on the campus two of the houses formerly used for this purpose have been removed. The resulting shortage of suitable housing accommodations for children has forced the college to curtail this service. Beginning with the 1966 Summer Session, only mothers who have had children on campus during previous summer sessions will be permitted to bring their children and keep them on campus. The College will attempt to accommodate these mothers until they complete their degree requirements on which they are now working.

School age children must attend the Anthony-Seeger Campus School during the day. Students who plan to have their children attend the Campus School should write to Mr. Garney L. Darrin, at the College, informing him concerning the age and grade placement of the children. *This should be done before May 15.* There are no summer nursery school facilities for preschool children, but mothers may find baby sitters among the students. However, the college administration in no way provides for such services.

Usually, daily periods of organized recreation for the children are offered by the Department of Physical and Health Education. The children are also allowed to attend other recreational functions sponsored by the College including weekly campus movies.

Limited medical care is provided for children at the twenty-six

bed College Infirmary. The College maintains a health service staff of one physician and three nurses for outpatient service.

The College provides laundry services for the children. The charges for room, board and laundry for a child are the same as for an adult (\$120.00) for Eight-Week Session. In case of absence of a child from the campus for one week or longer the charges will be reduced only for meals and laundry.

In making reservations for children, the age and sex of each child should be given and the room reservation deposit of \$15.00 per child must accompany the application.

OVERNIGHT GUESTS

A student is not permitted to have overnight guests, including members of his family, in the college dormitories except by permission from the Dean of Women. Arrangements and payment of fees must be made in advance.

MEDICAL SERVICE FOR STUDENTS

The Infirmary, staffed by a college physician and trained nurses, provides health and medical service for all full-time students. This service covers the furnishing of simple remedies and of ordinary nurse's and physician's attendance. It will not cover the cost for the student of specially compounded prescriptions, special private nursing hospital care in serious and protracted cases, surgical operations, or the service of specialists; but for practically all students it will cover all requirements for medical attention and supplies.

Day students who are eligible for infirmary service will receive the same medical service as dormitory students except that they will not be entitled to room and board at the infirmary.

DINING HALL AND TEAROOM

A new dining hall building, with a seating capacity of 2,250, is now being used. Meals are scientifically planned and prepared under the direction of a trained dietitian. The College tearoom will furnish lunch for day students who wish such provisions.

STUDENT ACTIVITIES AND RECREATION

VARIED PROGRAM

As far as possible the student activities of the Winter Session are carried over into the Summer Session. A student government and an honor system are developed to take care of the major problems of student government. Swimming, basketball, volleyball, tennis, archery, and other activities are provided for; and class organizations and a chorus are formed. The local chapter of the national scholarship

society, Kappa Delta Pi, also functions regularly in the Summer Session. Every student is urged to take part in some co-curricular activity.

MOTION PICTURES

A selected program of motion pictures will be shown on Saturday evenings during the Summer Session.

LYCEUM COURSE

During the coming Summer the College will provide for the students a limited series of lectures and entertainments.

WEEK-END CAMP ON SHENANDOAH RIVER

A distinct feature of the Summer Session at Madison is the use of the College Camp on the Shenandoah River. A farm on the river above Port Republic has been converted into a camp where students in large groups may go to spend a few days in recreation.

GOVERNMENT OF STUDENTS

STUDENT-CENTERED

In the main, student social welfare, dormitory life, and discipline are maintained by student self-government but the final authority and responsibility for the results attained by student government rest with the President and the Faculty of the College.

REGULATIONS OF SOCIAL LIFE

Every effort is made to make student life in the Summer Session enjoyable as well as profitable. Entertainments, receptions, excursions, and like social activities are encouraged.

In regard to social conduct, every student is required to conform strictly and sympathetically to the regulations of the student government association and the school authorities.

HONOR SYSTEM

The *Honor Council*, elected by the students, works with the Student Government Association and the Faculty Judiciary Committee of the College to promote honorable behavior in all phases of student life.

The jurisdiction of the Honor Council shall extend to all cases involving cheating, lying, stealing, or failure to report one of the above breaches of honor. The jurisdiction of the Honor Council shall not extend to violations of administrative and student government rules and regulations, unless they involve cheating, lying, stealing, and failure to report one of these breaches of honor.

All scholastic work, whether in the classroom or out, shall be the student's own, and shall be done in accordance with the requirement of the professor. Students may work together if the professor permits it. Otherwise, all papers, parallel reading, experiments, and tests shall be each individual student's work. Each professor shall explain his requirements to each class, and a copy of this shall be filed with the Honor Council. If there is any doubt, the student should consult the professor.

The student who gives illegal aid is as responsible as is the student who receives it. A student's signature on a paper shall be his pledge.

The Honor System has been violated if a student is referred to the Honor Council by the Student Council as having intentionally falsified any record, or deliberately fails to tell the truth when questioned by campus authorities, members of the faculty, or members of the Student or Honor Councils during an investigation, hearing or trial. A statement of a libelous nature circulated by one student about another shall be regarded as a violation of the Honor System. Lying during an investigation, hearing or trial in connection with the violation of a social rule or college regulation shall come under the jurisdiction of the Honor Council, but the breaking of a rule or regulation shall not come under its jurisdiction.

Deliberate appropriation of another's property or money constitutes a violation of the Honor System.

Failure to report an offense constitutes a violation of the Honor System.

Any student conscious that he has violated the Honor System should report himself to a member of the Honor Council.

Any student who observes a violation of the Honor System shall, if possible, solicit the aid of a witness to the act and the two must promptly investigate the violation. If they feel they have sufficient evidence, they shall ask the accused for an explanation.

If it is unsatisfactory, they shall request the accused to report himself to the Honor Council within two days. When he reports himself he shall also give the names of his accusers, who shall be notified by the Honor Council that he has reported himself. If the accused does not report himself within two days, the accusers shall report the violation to any member of the Honor Council.

A faculty member observing a violation of the Honor System will speak to the student recommending that he report himself to a member of the Honor Council. If he fails to do so within the two-day period, the faculty member shall then report the offense to the Honor Council.

If any student observes a violation of the Honor System and fails to report it, he too has violated the principles of honor. Reporting an offense is preserving the integrity of the group.

Any student who reports himself or who is reported to the Honor Council shall have the right to a full and impartial hearing by that body, and any conviction shall be based on a two-thirds vote of the full membership of the Honor Council. If the charges are not upheld, the details of the hearing shall be deleted from the minutes.

Violations of the honor code by graduate students are referred to the Graduate Council for consideration and action.



COLLEGE REGULATIONS

The State of Virginia requires that every student who avails himself of the privileges of an education at Madison College exhibit at all times the qualities of good citizenship and honor as defined and upheld by the best public opinion in our Commonwealth.

The College has certain rules and regulations. The following general statements cover the most important matters and must be observed:

1. Students are expected to attend classes from the first day of the session to the closing day. (See Attendance Policy.)
2. Women students are required to live in a college residence hall unless (a) they reside at home or with a near relative, or (b) accommodations on campus are not available. Women students who room in town must live in homes approved by the President of the College on recommendation of the Dean of Women.

3. Resident students who remain in private homes in Harrisonburg during short vacations will be expected to conduct themselves in keeping with college standards.

4. No resident student of the College may leave her dormitory for the night without the approval of the Dean of Women. For all students except "mature" students permission to leave Harrisonburg must be granted in writing by parents or guardians. A "mature" student is one who is 22 years of age, or older, and is granted special privileges.

5. Students are not permitted to use or have in their possession intoxicating liquors of any kind while under campus regulations. Conduct while absent from campus which reflects discredit on the College subjects the person to disciplinary action.

6. The power to suspend or dismiss students is vested only in the *Administration of the College*. The *Student Government Council* investigates and imposes penalties for violations of regulations as set forth in the *Handbook*; the *Honor Council* investigates and imposes penalties for violations of the Honor Code (including in its jurisdiction all cases involving cheating, lying, or stealing, which are breaches of honor and are not tolerated by the College). Recommendations for suspension or dismissal by the *Student Council* or the *Honor Council* must be reviewed by the Faculty Judiciary Committee which will submit its recommendations to the President before final action is taken. The President may suspend or dismiss students for such violations or for other serious misconduct.

7. The College is not authorized to extend credit to students, nor does the College assume any responsibility for bills incurred in Harrisonburg. Prompt payment of all bills is encouraged.

8. Students may not use in their bedrooms any electrical appliances except radios, hair dryers, and electric sewing machines by a few home economics majors to be approved by the Head of the Home Economics Department.

9. Students in registering must use their proper legal names, and students who are married while in college must immediately register under their married names.

A change of legal name or home address is to be made known promptly to the Registrar, the Dean of Women, the Business Manager, and the Post Office.

Any minor student who marries without the full knowledge and consent of his or her parents may be required to withdraw from the College by the President. Such consent must be submitted in writing by the parents to the Dean of Women or the Dean of Students prior to the marriage. If required to withdraw, the student may not re-enter until the lapse of two full semesters or the equivalent.

A student twenty-one years of age or older must give written notice to the Dean of Women or the Dean of Students of his or her intentions to marry. Failure to do so may result in the student being required to withdraw from the College by the President. If required to withdraw, the student may not re-enter until the lapse of two full semesters or the equivalent.

10. No solicitation such as taking of orders or selling of merchandise to students and employees is permitted in the building or on the grounds of the College.

11. A resident student who disturbs the sleep or study of other students will forfeit the right to a room in a college residence hall.

12. Attendance at Madison College is a privilege, not a right. Whenever in the judgment of the President, the continuation of any person as a student at Madison is not in the best interest of the student or of the College, the student shall be required to withdraw from the College.

13. Good citizenship as well as satisfactory scholastic achievement is required of all students at all times, and students who conduct themselves in such manner as to injure the good name of Madison College may be required by the President to withdraw from the College.

14. Any student who causes the College to receive unfavorable publicity may be required by the President to withdraw from the College or may be subject to other disciplinary action including indefinite suspension.

15. The Governing Board has assigned responsibility for the administration of the College to the President. Certain administrative officers and faculty members have been appointed to assist him in carrying out this responsibility. Therefore, the President has full authority to make final decisions in all matters governing the conduct of students.

STUDENT HANDBOOK

The rules and regulations set forth in the Madison College Student Handbook for the 1965-66 Session are in effect during the 1966 Summer Session.

AUTOMOBILE REGULATIONS

General Statement

Resident students are not allowed to have automobiles, except by special permission, which is obtained from the President of the College, or through the Dean of Women. When a student has obtained special permission to have or operate an automobile, it is expected

that the use of the automobile will be *limited to the purposes* for which the permission is granted.

Application of the Regulation

1. Except as noted below, no resident student shall, while college is in session, maintain or operate a motor vehicle in Harrisonburg, Rockingham County, or in adjoining town or counties.

2. Storing or otherwise keeping an automobile in Harrisonburg, Staunton, Elkton, or other places in this area for occasional use is a violation of this regulation.

3. A resident student who rides in a car which is used in violation of the regulation will be held equally guilty with the owner or driver.

4. Special Privileges for all Students.

Resident students may bring automobiles to the campus for transportation to and from home under the following conditions:

- a. With written permission from a parent or guardian and approval of the request by the President of the College, filed in the Office of the Dean of Women.
- b. At the beginning of the summer session, provided they are taken home the week end following the opening of school.
- c. The last week end before the end of the summer session. (Automobiles brought to the College under conditions b., and c., above need not be registered.)

5. Other regulations:

- a. Resident students driving cars back to the campus must be back by 9:00 p.m. unless special permission is obtained from the Dean of Women to return later.
- b. Before driving cars of other persons, a resident student must present a letter of approval from a parent or guardian to the Dean of Women to obtain permission.
- c. Carrying passengers—If a student carries a passenger in his or her car and makes any monetary charge whatever to the passengers (direct charge or reimbursement of expenses), then it is no longer necessary for the passenger to prove the student guilty of gross negligence if an accident occurs. All that has to be proved is that the student is guilty of ordinary negligence, which is easier to prove. Reimbursement for traveling expenses does not void Standard Virginia Automobile policies; but the law requires greater caution on the part of the vehicle owner/or driver. Under certain conditions, it is possible for a student to be in violation of the State Corporation Commission laws concerning "for hire" transportation, if passengers are carried for a monetary charge.

Exceptions to the Regulation

Restrictions pertaining to possession and use of cars by resident students do not apply to:

- a. Those in the Master's Degree program.
- b. Day Students.
- c. Students 22 years of age or over.

Registration Requirements

All students having automobiles, including day students, students granted special permission to have automobiles (except as noted in section 4. b., c.), and students exempt from the regulation, must register their cars with the Office of the Business Manager when registering for classes and observe regulations in the booklet, *Parking and Traffic Regulations*.

Penalty for Violation of the Regulations

Students who violate the automobile regulations may be subject to dismissal from the College.

ADVANCED AND MATURE STUDENTS

Advanced and mature students are granted by the Faculty of the College special privileges which allow greater freedom. Such students are placed, as far as practicable, in separate dormitories.

ANNOUNCEMENTS

MINIMUM CLASS SIZE

The College reserves the right not to organize any class, if there are fewer than eight applicants.

REQUIREMENT OF PROFICIENCY IN ENGLISH

In order to insure the continuous use of good English a proficiency examination in English is required of all students in their junior year. The successful completion of this examination is a prerequisite to graduation. This examination will be given in two parts. (See summer session calendar.)

SATURDAY CLASSES

Classes will not be held on Saturdays, except Saturday, July 9, in order that Monday, July 5, may be observed as a holiday. The word *daily* in the class schedule means Monday through Friday.

POST OFFICE BOXES

All students will be assigned a post office box at the college.

COLLEGE BOOKSTORE

For the convenience of students, the College maintains a College Bookstore, located temporarily in the College Dining Hall, where students may obtain at reasonable prices textbooks, stationery, classroom materials and equipment and other miscellaneous supplies. The Bookstore operates on a cash basis.

STUDY LAMPS

The College does not provide desk lamps. If students desire to use desk lamps, they are asked to bring them.

BED LINEN

Bed linen is furnished by the College. One bath towel and one face towel are supplied each week. If additional towels are desired, students are asked to bring them.

PETS

No pets are permitted on the Campus at Madison.

AUTOMOBILE PARKING PERMITS

All students who operate a motor vehicle on the campus must register the vehicle in the Office of the Business Manager. Each student will be given a registration card and a decal to indicate that the vehicle has been registered. The decal must be displayed prominently in the lower right corner of the rear window. Detailed information concerning traffic and parking regulations will also be given each registrant.

ACADEMIC REGULATIONS

ACADEMIC STATUS

The Dean of the College serves as executive officer in all matters of academic status. All proposed exceptional programs of study and exceptions to degree requirements must be presented to the Dean for his consideration and action. Exceptional programs of classes and exceptions to degree requirements are not permitted without the approval of the Dean. The Dean of the College also makes the decisions concerning all questions about the evaluation of credits which involve policy.

CLASSIFICATION

A student is classified as freshman, sophomore, junior, or senior on the basis of work accomplished either at Madison or at other colleges from which he has transferred. The classification depends on the number of semester hours of credit he has received and on his quality rating.

Freshmen are students with fewer than 28 semester hours of credit.

Sophomores are students with 28-59 semester hours of credit and a quality rating of 1.75.

Juniors are students with 60-92 semester hours of credit and a quality rating of 2.00.

Seniors are students with more than 92 semester hours of credit and quality rating of 2.00.

QUALITY RATING SYSTEM

Quality points are assigned per semester hour of credit as follows: A grade of "A" is assigned 4 quality points; "B", 3 quality points; "C", 2 quality points; and "D", 1 quality point. (Thus a grade of "B" in a course bearing 3 semester hours of credit would be assigned 9 quality points; and a grade of "C" in that course, 6 quality points.) No quality points will be allowed for an "E" which is removed by an examination or otherwise—except by the repetition of the course. With the approval of the curriculum adviser and the head of the department, courses may be repeated to increase the number of quality points.

The scholarship index is computed by dividing the number of quality points by the number of semester hours of credit. Thus, if a student takes 16 semester hours of work and earns 40 quality points his scholarship index is 2.50. Only courses taken at Madison are used in computing the scholarship index.

To enroll in Ed. 359, 360, 369, and 370, or other junior courses prerequisite to student teaching, a student must have a scholarship index of 1.90. A scholarship index of 2.00 is required for students who enroll in Ed. 480, Directed Teaching.

THE GRADING SYSTEM

The College keeps a complete record of each student's work and sends a statement to the parent or guardian as soon as possible after the semester's work is completed.

Work missed by late entrance or absence must be made up.

On grade reports, grades are reported in letter—A, B, C, D, E, F, I, and W.

"A" indicates distinctive achievement and genuine excellence.

"B" indicates independence of work and high grade accuracy of knowledge.

"C" indicates average achievement.

"D" indicates passable achievement in work and is allowed for graduation provided it is balanced by better than average work in other courses.

"E" indicates unsatisfactory work, incurring a condition which may be removed by examination or, in a year course, by making a "C" or better in the following semester. When an "E" is made up by any other procedure than the repetition of the course, the highest grade obtainable is "D" and for this "D" no quality points are given.

"F" indicates failure which may not be removed except by repetition of the course. A student who has grades of "E" and "F" in more than 40 per cent of his program is required to remove these conditions by another semester of work.

"I" indicates that work is incomplete and is given only when a student is unable to complete the course because of sickness or some other equally satisfactory reason. If this work is completed during the next semester in residence, the grade will be determined in the usual way; otherwise the grade becomes automatically an "F".

"W" indicates that the student has withdrawn from the course, with the permission of the Dean of the College, and that at the time of withdrawal his grade was "D" or above. If a student drops a course in which his work is below "D" at the time of withdrawal, the grade in that course will be recorded as an "F".

ATTENDANCE POLICY

Regular class attendance is expected of all students. Responsibility for all course work is the student's whether present or not. Madison

College does not have a cut system. There are no cuts and no excuses are given for absences from class for any reason.

Absences for certain reasons may be certified. Absences due to illness may be certified by the College Physician, those caused by death or serious illness in the immediate family, those due to religious holidays and emergencies may be certified by the Dean of Women for women students, and by the Dean of Students for men. Students who become ill while at home or away from the College should obtain a statement verifying the illness from the attending physician and present it to the College Physician for his certification. Certified absences should be brought by students to the attention of the instructors of classes missed by presenting the statements of certification.

Students are permitted to take make-up tests for absences that are certified. Make-up tests for absences that are not certified may be given at the discretion of the instructor.

Students who have an average below 2.0 and first semester freshmen will be subject to disciplinary action by the Attendance Committee if they miss more than one meeting of any class.

ACADEMIC PROBATION

All students with a cumulative average of less than 2.0 are on academic probation. This regulation will become effective for each new student at the beginning of the second semester of his first year here. Scholastic averages will be computed at the end of each semester and at the end of the Summer Session at which time revised lists of names of students on academic probation will be distributed to the faculty.

All students who are on academic probation (cumulative average of less than 2.0), regardless of the number of years they have been at Madison, will be permitted only those social privileges allowed first semester freshmen.

STUDENT LOAD

The normal load for students in the summer session is nine semester hours of credit. The maximum number of semester hours permitted is ten.

CHANGE OF COURSES

After the student has completed his class schedule and has registered, no class may be dropped, no additions made, and no transfers to other sections made—without the approval of his adviser and the Dean of the College. In the Summer Session, such changes as are necessary must be made within the first week. After this deadline is passed, a class may not be dropped.

WITHDRAWAL

Withdrawal is the complete severance of the student's relation with the summer session before the end of the term for which he is registered. If a student finds it necessary to withdraw from the summer session, he must go to the Office of the Dean of Students and fill out an application for withdrawal card. If an emergency prevents the student from attending to this before leaving the College, he should notify the Dean of the College by letter and request a withdrawal card, fill it out and return it as soon as possible. Promptness is important, as the date on which the withdrawal card is received is used in determining the amount, if any, of refund due the student.

Formal withdrawal is necessary in order to maintain the "Good Standing" status of the student on his record.

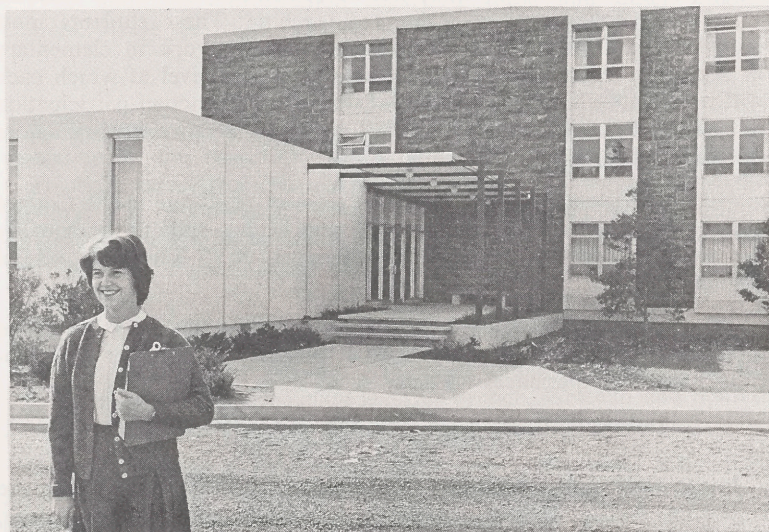
Withdrawal should not be confused with dropping a course.

CREDIT FOR EXTENSION COURSES

Not more than twenty-five per cent of the work toward any degree may be done through extension. Such work must be relevant to the degree for which the student is enrolled. Students should secure approval from the registrar in the choice of such courses.

AUDITORS

Students who are enrolled in courses as auditors will not be permitted to change their registration from audit to credit after termination of the period which is designated for schedule adjustments.



SPECIAL FEATURES OF THE SUMMER SESSION

INSTITUTE ON PUBLIC EDUCATION

In the Summer Session of 1944, a one-day Institute on Public Education was held at Madison College. The interest that was shown led to the establishment of the Institute as a permanent feature. The Institute for 1966 will be on a pertinent topic in education and will be held on the evening of July 12 and during the day of July 13. Notices of the program will be sent to teachers, school administrators and patrons.

ANTHONY-SEEGER CAMPUS SCHOOL FOR DEMONSTRATION AND STUDENT TEACHING

The Anthony-Seeger Campus School will be in operation during the Summer term. There will be four groups of elementary children. All groups will be at the Anthony-Seeger Campus School and all observations and directed teaching will be done there.

The supervisors in the Campus School are all experienced teachers. Each supervisor will teach demonstration lessons for college classes.

DIRECTED TEACHING FOR TRANSFERS FROM OTHER COLLEGES

In the Summer of 1966 there will be opportunity for a few students from other colleges to take directed teaching. These students must include in the prerequisites for teaching recent work in elementary or secondary education courses, according to the level at which each will want to teach. Unless this recent work includes actual participation in classroom activities, the student will be asked to do such work before or during the period of teaching.

Students wishing to teach their first term of residence in the College will be asked to furnish a statement concerning suitable personality for teaching from a responsible person in their college or school system.

All questions concerning enrollment for student teaching should be directed in writing to Mr. Raymond J. Poindexter, Director of Laboratory School Experiences, as early as possible.

GRADUATE COURSES

In the 1966 Summer Session graduate courses will be offered in the following fields: biology, business education, education, English,

history, home economics, mathematics, music, physical science, and social science. The courses are listed on pages 68-101 and are described in the last section of this catalog.

ENGLISH COURSES FOR TEACHERS

During the 1966 Summer Session, the English Department will offer courses designed for prospective and practicing teachers. Men and women teaching elementary or secondary English will find these courses helpful—either as refresher courses or as work toward a degree.

Attention of teachers is particularly directed to the work offered in English 420, Advanced English Grammar, and English 430, Modern English Linguistics, in which structural linguistics and generative-transformational grammars will be studied. English 233-234, Introduction to Literature, provides a general-education course in the interpretation and appreciation of selected classics of poetry, fiction, and drama. English 236, Survey of English Literature, examines chronologically our English literary heritage from the middle of the eighteenth century to the present. English 248, Survey of American Literature, offers students an opportunity to study the chief masterpieces of their national literature from the American Renaissance to the present. English 330, Imaginative Writing, provides practice in writing short fiction and poetry under skilled guidance.

In the Session of 1966, three graduate courses will be available: English 540, Poetry and Prose of the English Renaissance, English 580, Studies in the Poetry of the Romantic Movement, and English 601, Shakespeare. Approved undergraduates may be admitted to English 540 and English 580 for undergraduate credit.

(For additional information regarding these and other English courses, please see pages 66-68.)

SPEECH FOR TEACHERS

Speech 200, Speech Personality Improvement, is particularly designed to fit the individual needs of teachers. Speech 410, Speech Correction, introduces the teachers to clinical and classroom speech therapy. The Educational Television Workshop, offered during the Intersession, is also available to a limited number of in-service teachers and approved undergraduate students.

PROGRAM IN FOREIGN LANGUAGES

The Department of Foreign Languages offers in addition to full year courses on an intermediate level in French, German and Spanish a course in French Conversation and Advanced Composition.

A fully equipped modern language laboratory with individual sound-proof booths, and with dual channel tape recording instruments is available to all students of foreign languages.

MATHEMATICS COURSES FOR TEACHERS

Courses in mathematics to meet the needs of both high school teachers and elementary school teachers will be offered in the 1966 Summer Session.

For the elementary and junior high school teachers who wish to prepare themselves for teaching the contemporary mathematics programs, there are three courses offered which are planned to meet this need. Mathematics 107 and Mathematics 108, Fundamentals of Mathematics, provide a thorough study of the basic concepts of elementary mathematics. Mathematics 207, Basic Concepts of Algebra, is a study of the basic ideas and structure of elementary algebra. Mathematics 208, Intuitive Foundations of Geometry, is an intuitive introduction to the foundations of elementary geometry.

Mathematics 125-126, Introduction to College Mathematics, is a first course in college mathematics including topics in algebra, trigonometry, and analytic geometry emphasizing the modern spirit of mathematics.

High school teachers of algebra will be interested in Mathematics 365, Modern Algebra. This is a study of the structure of algebra including groups, rings, and fields.

High school teachers who wish to review and extend their knowledge of calculus will be interested in Mathematics 385, Intermediate Calculus. This is the third semester of a three-semester sequence in calculus and analytic geometry.

Four graduate courses will be offered this summer, one in the Inter-session and three in the Six-Week Session. Mathematics 540, Introduction to the Theory of Statistics, will be offered in the Inter-session. Mathematics 512, Introduction to Abstract Algebra, Mathematics 600, Foundations of Mathematics, and Mathematics 660, Complex Variables, will be offered in the Six-Week Session. Courses numbered in the five hundreds are open to approved undergraduates.

NATURAL RESOURCES—CONSERVATION

The Resource-Use Education Council of Virginia will sponsor a three-week short course in conservation for public school teachers and other interested individuals in Virginia from June 13 to July 1. Funds to pay the expenses of participants will be provided by the Resource-Use Education Council from funds donated by interested individuals and organizations.

The course will include work in the conservation of mineral resources, marine life, soil and water, forests and wildlife. Qualified instructors will be drawn from various local, state, and national agencies for each individual specialty. Students who enroll in this course should know that some afternoon field trips will be required.

Information concerning financial aid may be obtained from Mr. Edward Mundie, Seitz Hall, Virginia Polytechnic Institute, Blacksburg, Virginia. Information concerning other arrangements such as housing, schedules, etc., may be obtained from Mr. Robert Graves, Department of Biology, Madison College, Harrisonburg, Virginia. Dormitory facilities for men are not available on the campus. Rooms are available in the community.

An application for admission to the summer session should be mailed to the Dean of Madison College.

(See page 76)

COURSES IN BUSINESS AND BUSINESS EDUCATION

The Department of Business and Business Education offers in the summer program courses designed to fit into the curriculum of beginning or advanced students.

The business curricula provides preparation for business teacher education, secretarial science, and business administration.

(See pages 84-86)

HOME ECONOMICS PROGRAM

Courses in home economics for the Summer Session are planned for four groups of students: first, students who wish to accelerate their programs; second, students who wish to elect courses in home economics; third, students who choose home economics as a minor in the graduate program; fourth, home economics teachers who wish to renew certificates.

(See pages 88-89)

PROGRAM IN LIBRARY SCIENCE

Courses in library science are planned both for students who wish to become school librarians and for students who wish to become teachers in the elementary or secondary schools. Prospective school librarians may satisfy the requirements of the State Department of Education for an endorsement of their Collegiate Professional Certificate by completing the courses required for a major in library science. Students preparing to become teachers can benefit from the courses in library resources for children and for young people.

The Library Science Department occupies a suite of rooms in the Madison Memorial Library where a collection of books on library science and a collection of juvenile books are housed. Desks and typewriters are available in the laboratory for student use.

(See pages 89-90)

AUDIO-VISUAL EDUCATION

The College offers a course in Audio-Visual Materials which is designed to acquaint teachers with the films, film strips, slides, and recordings used in public schools in Virginia, and to provide instruction and practice in the use of various kinds of audio-visual equipment.

The course is recommended for persons who wish to be qualified as teaching materials representatives in the schools for service from the bureaus of teaching materials established by the State Board of Education and for teachers who wish to learn how to make more effective use of audio-visual materials in the classroom. A Regional Bureau of Teaching Materials is located at the College and the films which the Bureau contains are available for the course.

(See page 90)

GOVERNMENT-IN-ACTION PROGRAM

The Department of Social Science will offer a special three-week course designed to acquaint the student with the functions and operations of the various branches of our government which function in the field of international relations.

Lectures and demonstrations in the field will include visits to Washington, D. C., and some of the specialized agencies associated with world affairs.

Enrollment is limited to fifteen students. Those interested should register well in advance. The course is listed as Social Science 520C, Government Seminar: International Relations.

(See page 93)

INDUSTRY-IN-ACTION PROGRAM

This program is designed to highlight the American free enterprise system. Students will participate in a field trip and a series of visits to major industrial plants and facilities. Lectures and demonstrations will be given by corporate officials as well as by members of the staff of the Department of Social Science.

This three-week program is limited to fifteen students and those interested should register well in advance. The course is listed as Social Science 501A, Economics Seminar: Industry-In-Action.

(See page 93)

EDUCATION AND PSYCHOLOGY DEPARTMENT

Several courses have been planned for prospective and in-service teachers during the 1966 Summer Session by the Department of Education and Psychology. These workshop-type experiences are designed for graduate students, but are open to approved undergradu-

ates. Because of the available facilities and the approach to these courses, enrollment will be limited. Letters of application should be directed to Dr. Charles G. Caldwell, Head of the Department of Education and Psychology, by May 16, 1966. The priority of applications will be a major criterion in the selection of applicants. In addition a formal application for admission to the Summer Session must be filed in the Office of the Dean.

EDUCATIONAL TELEVISION

(JUNE 13—JULY 1)

A workshop approach will be used to the problems encountered in the use of educational television as an instructional tool. The following types of activities will be among those cooperatively planned by students and consultants:

1. Classroom lectures and small group discussions.
2. Studies of available research.
3. Laboratory work by small groups in closed circuit television.
4. The preparation and production of kinescopes.
5. Participation in field trips.
6. Studies and evaluation procedures.
7. Conferences with visiting consultants.

Students will register for Ed. 501B, Seminar in Education and Psychology: Educational Television. (See page 98)

Letters of application should be directed to Dr. Charles G. Caldwell, Head of the Department of Education and Psychology, by May 16, 1966.

THE ELEMENTARY SCHOOL READING PROGRAM

(JUNE 13—JULY 1)

This experience will be planned using the workshop approach. The Director will lead participants in a study and evaluation of current approaches to the total reading program in the elementary grades.

The concept of reading readiness, developmental reading, phonetic attack and its application, vocabulary building, dictionary usage, literature as an essential part of the broader aspects of reading instruction, reading disability, oral reading, basic and individualized reading, and techniques of evaluation will be among the topics studied in this course.

Students will register for Ed. 502, The Elementary School Reading Program. (See page 99)

Letters of application should be directed to Dr. Charles G. Caldwell, Head of the Department of Education and Psychology, by May 16, 1966.

SURVEY OF EXCEPTIONAL CHILDREN

(JUNE 13—JULY 1)

This is a survey course of the entire field of special education. Emphasis will be on organization of instruction, curriculum adjustment, and specialized methods of teaching.

Students will register for Ed. 501D, Survey of Exceptional Children. (See page 98)

Letters of application should be directed to Dr. Charles G. Caldwell, Head of the Department of Education and Psychology, by May 16, 1966.

EDUCATION OF MENTALLY RETARDED CHILDREN

(JULY 5—AUGUST 12)

This course deals with the organization of instruction for the trainable and educable mentally retarded and slow learner.

Students will register for Ed. 501E, Education of Mentally Retarded Children. (See page 100)

Letters of application should be directed to Dr. Charles G. Caldwell, Head of the Department of Education and Psychology, by May 16, 1966.

DEGREE PROGRAMS

BACCALAUREATE DEGREE PROGRAMS

Madison College offers two programs of study leading to the Bachelor of Arts degree, twelve leading to the Bachelor of Science degree and one leading to the Bachelor of Music Education degree.

These programs are described in detail in the bulletin of the Regular Session.

The student interested in enrolling in one of these programs should request a copy of the bulletin of the Regular Session from the Director of Admissions.

GRADUATE DEGREE PROGRAMS

Madison College offers programs leading to the Master of Arts in Education, Master of Science in Education and Master of Science degrees. A complete description of the graduate program is included in this bulletin.

(See pages 52-58.)

GRADUATION REQUIREMENTS

A bachelor's degree represents more than the mere accumulation of credits. In order to be eligible to receive the Bachelor of Arts or Bachelor of Science or Bachelor of Music Education degree from Madison College a student must—

1. Have a good citizenship record at Madison College both on and off campus;
2. Have a minimum of 128 credit hours;
3. Have a scholarship index of 2.00 or better;
4. Have a scholarship index of 2.00 or better in his major subject;
5. Meet the course requirements of one of the curricula leading to the degree for which he is a candidate;
6. Pass the Junior English Proficiency Examination;
7. Have spent a minimum of two semesters, or four Eight-Week Summer Sessions, in residence at Madison College, and have earned a minimum of thirty-two semester hours of credit during this term of residence;
8. Be a resident at Madison College during the semester or Summer Session in which the requirements for the degree are completed;

9. Attend the commencement exercises;
10. Meet the requirements set forth in the catalog of the year of his re-entrance, if he has previously withdrawn from the College.

A student expecting to graduate at the end of any semester must file a *written application with the Registrar at the beginning of that semester.*

Responsibility for meeting the requirements for graduation rests with the student.



THE GRADUATE PROGRAM OF MADISON COLLEGE

HISTORY

In the summer of 1951 Madison College began offering graduate courses through a cooperative arrangement with the School of Education of the University of Virginia.

The Graduate School at Madison College was formally established in 1954 when the College was authorized by the State Board of Education to offer curricula leading to the degrees of Master of Arts in Education and Master of Science in Education. The graduate program at Madison was approved by the Southern Association of Schools and Colleges in the same year. On October 31, 1960, the State Board of Education authorized the College to offer curricula leading to the Master of Science degree, which was also approved by the Southern Association of Schools and Colleges.

The first Master's degrees were conferred in June, 1956.

PURPOSE

The graduate program was inaugurated at Madison to offer to the

teachers of the Commonwealth of Virginia the opportunity to improve their competency as teachers in three ways:

1. Acquiring further knowledge and understanding in the subjects which they are teaching.
2. Increasing their professional growth through further study in professional education.
3. Developing their powers of independent thought and becoming familiar with the discipline of research.

Fulfilling this purpose of the graduate program continues to be the major function of the graduate school. At the same time the courses offered afford students who are not teachers an opportunity to pursue advanced study and research in their chosen fields of study.

ADMINISTRATION

The Graduate Council of the College has the responsibility of formulating all policies and legislation affecting graduate curricula and work leading to graduate degrees. The Council has full power to make all necessary rules and regulations and to approve candidates for degrees, subject to conformity with policies of the Board of Visitors.

The Dean of the College is chairman and the executive officer of the Graduate Council.

DEGREES OFFERED

The College offers programs of studies leading to the Master of Arts in Education, the Master of Science in Education, and the Master of Science degrees.

GRADUATE COURSES IN SUMMER SESSIONS

Two graduate sessions are offered at Madison College during the summer session. The Intersession is a three-week term in which a student may earn three semester hours credit. The regular graduate session is the Six-Week Session in which a student may earn six semester hours of graduate credit. For information concerning the courses offered in the summer session, see the summer session bulletin.

Courses offered during the Intersession have fifteen class meetings of two hours and forty minutes each. Graduate courses taught during the Six-Week Session meet for one hour and twenty minutes, five days a week. By attending both the Intersession and the Six-Week Session a student may earn a total of nine semester hours of credit.

GRADUATE COURSES IN THE REGULAR SESSION

During the regular session graduate courses are offered only in the

evening. The classes meet sixteen sessions per semester for two hours and forty minutes each and carry three semester hours of credit. For information concerning the evening courses offered in the regular session, see the evening school brochure.

A student who is working full time may not take more than three semester hours of work during any semester.

PROGRAMS OF STUDY

Madison College offers three programs of study leading to the Master of Arts in Education and Master of Science in Education degrees. These programs are:

1. For Teachers in the Elementary School.
2. For Teachers in the Secondary School.
3. For College Graduates who have not completed the necessary courses in professional education to meet certification requirements.

It is strongly recommended that students who enroll in the program for secondary school teachers major in a subject-matter field. Those who enroll in the program for elementary school teachers may also major in a subject-matter field if the backgrounds and needs of the students concerned indicate that such should be done.

ADMISSION TO GRADUATE STUDY

A student may be admitted to graduate study under three classifications, unconditional admission, unclassified admission, and transient admission. *Admission to graduate study does not imply admission to candidacy.*

Unconditional Admission to Graduate Study.

1. The applicant must possess a bachelor's degree from a college accredited by a recognized regional or national accrediting agency.
2. The applicant must file an application for admission to graduate study with the Dean of the College. A form for this purpose may be obtained from the Office of the Dean. It should be completed and returned at least thirty days before the opening of the term in which the applicant wishes to enroll.
3. Each applicant must also submit an official transcript of his undergraduate record and of any graduate work completed.
4. The applicant's record must be approved by the Graduate Council.
5. The applicant must be accepted by the department in which he

wishes to major and minor. If the undergraduate record shows a deficiency in the proposed major or minor fields of study, the applicant must make up the deficiency by taking such additional courses as may be recommended by the department head and approved by the Dean of the College. Such courses, if required, do not count for graduate credit.

Unclassified Admission to Graduate Study. A student may be admitted to unclassified status as a graduate student if he satisfies conditions one through four under *Unconditional Admission*. This may include those students who wish to pursue graduate work with no intention of qualifying for a degree at Madison College and those students who have some deficiency in their chosen major or minor field.

If a student at a later time wishes to change his admission status from *Unclassified* to *Unconditional* he must satisfy step 5 under *Unconditional Admission* and send his request to the Dean of the College. Any graduate credit allowed on a degree program for courses taken while on unclassified status will be decided at that time by the Dean and the departments concerned.

Transient Admission. A student may be admitted to graduate study on a transient status if he has been admitted to the graduate school of an accredited college or university and desires only to earn credit for transfer to that institution. Admission is granted upon receiving a request from the student supported by a letter from the Dean of his graduate school stating that the applicant is a graduate student in good standing and has permission to take the course or courses for transfer to his institution.

DEGREE REQUIREMENTS

Major and Minor Requirements. All curricula leading to the degrees *Master of Arts in Education* and *Master of Science in Education* require work in a subject-matter field and in professional education. If the major is chosen in a subject-matter field, then the minor must be in education. If the major is education, then the minor must be taken in a subject-matter area. This means that the student must complete (a) a major consisting of twenty-one semester hours of graduate credit in a subject-matter field and a minor consisting of nine semester hours in education or (b) a major consisting of eighteen semester hours credit in education and a minor consisting of twelve semester hours in a subject-matter field. Students who are majoring in professional education and whose special interest is in elementary education may complete for a minor six semester hours in each of two related subject-matter fields with the approval of the Graduate Council.

A major is offered in biology, business education, chemistry, education, English, history, mathematics, music, and social science. A

minor may be taken in each of the departments offering majors and also in art, home economics, and science. The program of study leading to the *Master of Arts in Education* must include a major or minor in one of the departments: art, English, history, music, social science. For the *Master of Science in Education* the program of study must include a major or minor in one of the departments: biology, chemistry, mathematics, science.

The *Master of Science* degree is available to students majoring in one of the sciences or in mathematics. At the present time biology and mathematics are the only areas in which a student may major in working for this degree. No minor is required. The candidate for the *Master of Science* degree must complete thirty semester hours of graduate credit, twenty-four of which must be in his major field, biology or mathematics. Six semester hours of electives are permitted upon approval of the candidate's Advisory Committee.

Admission to Candidacy. In order to become eligible for admission to candidacy for a Master's degree the graduate student must:

1. Complete nine semester hours of credit in graduate courses taken at Madison College. Of these credit hours at least three must be in the major field and three in the minor field.
2. Submit a score on the Aptitude section of the Graduate Record Examination.
3. File an application for admission to candidacy with the Graduate Council.

When the student has completed the foregoing requirements the Graduate Council will act upon the applicant's request for admission to candidacy.

Student Advisory Committees. The Graduate Council in cooperation with the student and departments concerned shall name a special Advisory Committee of two faculty members for each student working toward a degree. For the *Master of Arts in Education* and the *Master of Science in Education* degrees, one member of this Committee will be selected from the faculty of the student's major department, and the other one from the department in which the student is minoring. The faculty member from the major department shall serve as chairman of the Advisory Committee.

For the *Master of Science* degree, the head of the department in which the student is majoring shall serve as chairman of the Advisory Committee. A second member of the major department will complete the committee. The major professor under whom the thesis is being completed must be a member of the committee. The Dean of the College is an ex officio member of all Advisory Committees.

A Graduate Advisory Committee will not be appointed until the student has been admitted to candidacy for a degree.

Course Level Requirements. One-half of the credit submitted for the Master's degree shall be in courses designated as exclusively for graduate students, i.e., courses numbered 600 or above. No graduate credit will be granted for work done in any course to which undergraduates are admitted unless the student is enrolled in that course as a graduate student.

Teaching Certificate. If the applicant does not hold the Collegiate Professional Certificate or its equivalent, he must obtain such a certificate before the degree is conferred unless excused by the Graduate Council.

Thesis. A thesis in the major field of interest and completed to the satisfaction of the student's Advisory Committee and the Graduate Council may be submitted in partial fulfillment of the requirements for the Master's degree. Six semester hours credit in the major field is allowed for a thesis. The thesis shall consist of a written interpretation of a body of facts and opinions gained through critical reading and independent research. There must be an adequate analysis of the assembled data.

For the Master of Science Degree with a major in biology the thesis is a requirement. In all other cases writing a thesis is an option which may be elected by the candidate.

If the candidate submits a thesis in partial fulfillment of the requirement for the Master's degree, he must complete the steps as outlined below.

1. Choose a subject and prepare an outline under the guidance of his Advisory Committee.
2. The student's Advisory Committee must recommend the thesis subject and outline to the Graduate Council for approval at least three months prior to the time the degree is expected to be awarded.
3. The thesis should be prepared according to the format as given by W. G. Campbell's *Form and Style in Thesis Writing* and must be completed sixty days before the time of graduation.
4. Three unbound copies of the thesis must be filed with the Chairman of the Graduate Council not later than thirty days before the date of graduation.
5. An abstract of the thesis of not more than six hundred words is required.

Examination. A comprehensive examination is required of all students. For those students who submit a thesis the examination will be oral; otherwise it will be written. In the comprehensive examination the student will be examined only on those courses taken prior to the term in which the comprehensive examination is administered.

A candidate who fails on the comprehensive examination may be permitted a re-examination at the discretion of the student's major department and the Graduate Council. A re-examination cannot be given sooner than the semester following the unsuccessful examination.

Scholarship Requirements. The grades given in graduate courses are A, B, C, and F. Graduate students must receive a mark of "B" or better in a course if it is to count in meeting requirements for a Master's degree.

A student who has been admitted to candidacy for a Master's degree is automatically placed on probation if he receives a grade of "C" in any two courses. Probation is a warning that achievement is not satisfactory. A student will be dropped from candidacy for the Master's degree if he receives an "F" on any graduate course or if he receives the grade of "C" on three graduate courses.

A student who has been dropped from candidacy may, if he wishes, continue to take graduate courses but for post-baccalaureate credit only.

Residence Requirements. A student must be in residence at Madison at least two summer terms of six weeks each in which a full load is carried in order to meet the minimum residence requirements for the Master's degree. Evening courses held on the campus will be counted in meeting residence requirements but residence requirements cannot be met by taking only evening classes.

CREDITS BY TRANSFER

A maximum of six hours of graduate credit from an accredited college or university may be applied to the requirements for the degree upon recommendation of the head of the major department and approval of the Dean of the College. At least six semester hours of the minor must be in graduate courses taken at Madison College. Approval to take graduate courses at other institutions for transfer to Madison College must be obtained from the Dean of the College prior to enrolling in the course.

No transfer credit will be allowed for courses taken on the graduate level if previously used as credit toward another degree.

TIME LIMIT

A graduate student must complete all requirements for the degree within six years from the time he begins his graduate study. The Graduate Council may, however, permit an extension of time because of extenuating circumstances.

GRADUATE COURSES SUMMER SESSION 1966

Graduate courses with numbers 501 to 599 are open to approved undergraduates with advanced standing. Courses numbered above 599 are offered to graduate students only.

INTERSESSION

June 13—July 1

BIOLOGY—

Modern Theories in Biology. (See page 77)

BUSINESS EDUCATION—

Advanced Studies in the Skill Business Subjects. (See page 85)

Seminar in Automated Data Processing Systems. (See Page 85)

EDUCATION—

Seminar in Education and Psychology: Educational Television.
(See page 98)

Survey of Exceptional Children. (See page 98)

The Elementary School Reading Program. (See page 99)

Human Growth and Development. (See page 99)

The Fundamentals of Educational Administration. (See page 99)

HOME ECONOMICS—

Seminar in Vocational Home Economics Education. (See page 89)

MATHEMATICS—

Introduction to the Theory of Statistics. (See page 81)

MUSIC—

Seminar: Principles and Practices in Music Education. (See page 72)

SCIENCE—

Natural Resources Conservation. (See page 76)

SOCIAL SCIENCE—

Economics Seminar: Industry-in-Action. (See page 93)

Government Seminar: International Relations. (See page 93)

SIX-WEEK SESSION

July 5—August 12

BIOLOGY—

- Plant Ecology. (See page 78)
- Principles of Genetics. (See page 78)
- Survey of Radiation Biology. (See page 78)

BUSINESS EDUCATION—

- Curriculum Construction in Business Education. (See page 85)
- Seminar in American Business. (See page 86)

EDUCATION—

- Education of Mentally Retarded Children. (See page 100)
- Philosophy of Education. (See page 100)
- Occupational and Educational Information (See page 100)
- Diagnostic and Remedial Techniques in Reading. (See page 100)
- Growth and Development During Childhood and Preadolescence.
(See page 100)
- Basis of Curriculum Development. (See page 100)
- Research Methods in Education. (See page 101)
- Supervision of Instruction. (See page 101)

ENGLISH—

- Poetry and Prose of the English Renaissance. (See page 68)
- Studies in the Poetry of the Romantic Movement. (See page 68)
- Shakespeare. (See page 68)

HISTORY—

- United States History, 1800-1850. (See page 88)
- Topics in History of Civilization. (See page 88)

MATHEMATICS—

- Introduction to Abstract Algebra. (See page 81)
- Complex Variables. (See page 82)
- Foundations of Mathematics. (See page 81)

MUSIC—

Applied Music. (See page 73)

Twentieth-Century Music. (See page 73)

The Supervision and Administration of Music. (See page 73)

Analytical Studies in Music Literature. (See page 73)

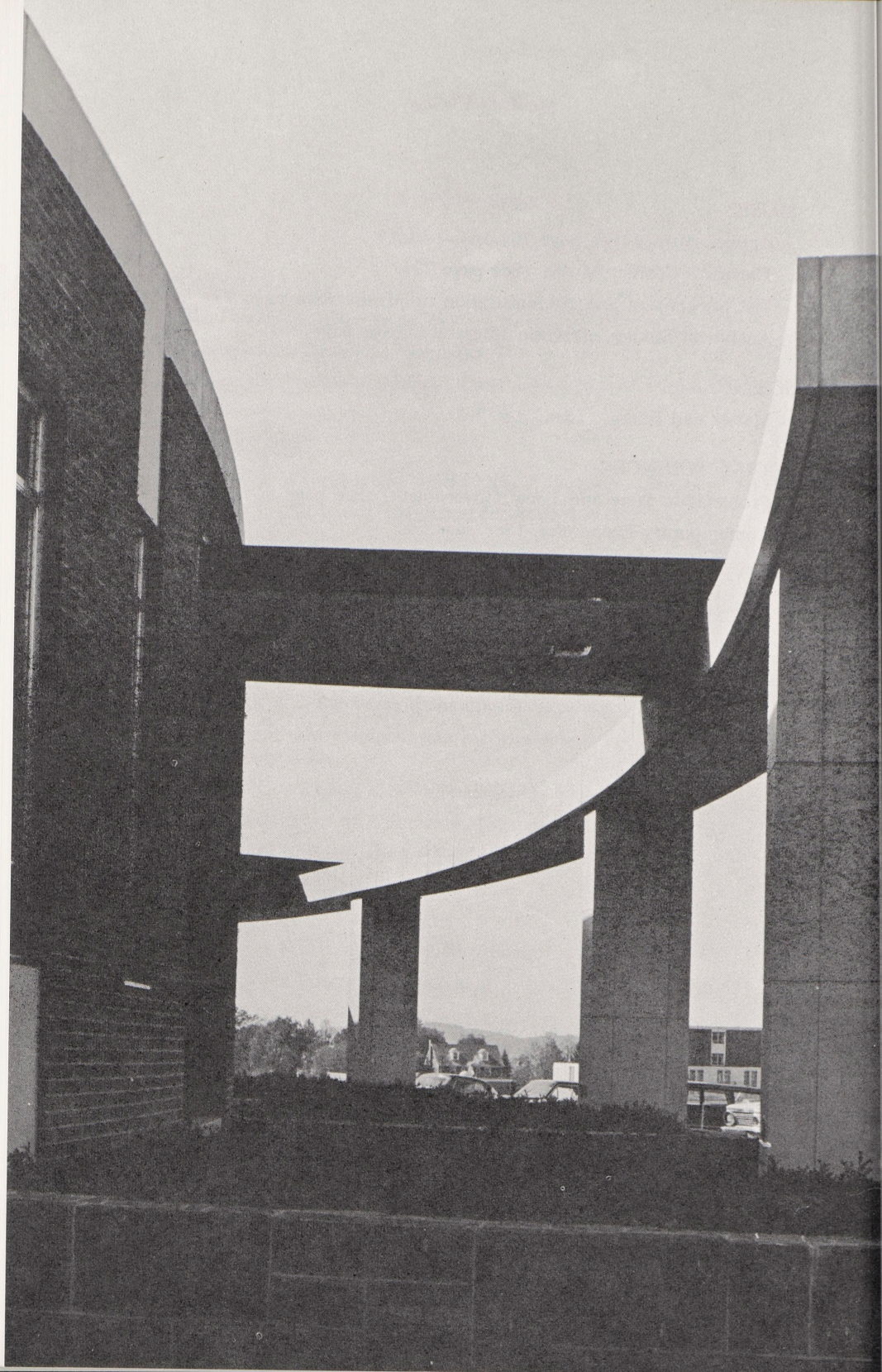
SCIENCE—

Matter and Energy. (See page 76)

SOCIAL SCIENCE—

Problems in State and Local Government. (See page 94)

Contemporary Economics. (See page 94)



DIVISIONS OF INSTRUCTION

The faculty of the College, for purposes of closer association in such matters as administration, instruction, curriculum, and research is organized by Divisions and Departments as follows:

THE DIVISION OF THE HUMANITIES

LOUIS GLENN LOCKE, *Director*

This division includes the departments of Art, English Language and Literature, Speech, General Philosophy, Foreign Languages, and Music.

THE DIVISION OF THE NATURAL SCIENCES

J. EMMERT IKENBERRY, *Director*

This division includes the departments of Biology, Chemistry, Geology, Mathematics, Physics, and Physical and Health Education.

THE DIVISION OF THE SOCIAL SCIENCES

ELMER L. SMITH, *Director*

This division includes the departments of Business and Business Education, Library Science, Home Economics, Social Science, and History.

THE DIVISION OF TEACHER EDUCATION

CHARLES G. CALDWELL, *Director*

This division includes the department of Education and Psychology, the faculty of the Anthony-Seeger Campus School, and a representative from each department that offers a major or minor or an area of concentration for students in the teaching curricula.

COURSES OF INSTRUCTION

Explanatory Notes

Each undergraduate course is designated by a number from 100 to 499. The number 500 designates an honors course. Numbers from 501 to 699 designate graduate courses.

Courses numbered 100-199 are intended for *freshmen*

Courses numbered 200-299 are intended for *sophomores*

Courses numbered 300-399 are intended for *juniors*

Courses numbered 400-499 are intended for *seniors*

Courses numbered 500 are undergraduate honors courses

Courses numbered 501-599 are primarily for graduate students

Courses numbered 600-699 are exclusively for graduate students

All courses that end in numbers 1-2 are year courses, both semesters of which must be finished before credit is obtained. Course numbers followed by the letter s, for example, Ed. 130s, refer to courses offered in the Summer Session only.

Wherever the term *credits* is used in course descriptions, it refers to semester hour credits.

All courses listed in this catalog with numbers below 500 are offered in the Eight-Week Session—June 20-August 12.

THE DIVISION OF THE HUMANITIES

MR. LOCKE, *Director*

ART

MISS THEODORE, *Head of the Department*

ART 123. *Introductory Crafts*. Two single and three double periods a week; three credits.

An approach to crafts with emphasis on design. Creative use of materials and techniques.

ART 150. *Drawing*. Two single and three double periods a week; three credits.

An introductory course composed of problems in landscape, perspective, figure and still-life in several media.

ART 160. *Introductory Painting*. Two periods daily; three credits.

For students who have had some experience in drawing. Registration by permission of the instructor.

ART 200. *Art in General Culture*. (4 sections.) Three single and two double periods a week; three credits.

An exploratory course which aims to develop a non-technical, general cultural understanding of the space arts, such as architecture, painting, sculpture and industrial design. Emphasis is on the contemporary.

ART 306. *Art History: Renaissance*. One period daily; three credits.

A study of the space arts in Occidental cultures during the growth and decline of their respective Renaissance periods.

ART 310. *Art Activities in the Elementary School*. (2 sections.) Two single and three double periods a week; three credits.

A study of the aims and philosophy of art education in the elementary school with emphasis on child growth and development through experiencing art.

GRADUATE COURSE

The Department of Art now offers a minor of twelve semester hours credit in art toward the degree of Master of Arts in Education or Master of Science in Education.

The graduate program of the Department of Art has these aims: (1) to expand the candidate's subject matter background; (2) to give the professional teacher an opportunity to learn contemporary techniques, philosophy and psychology of this particular area for direct application to his job; (3) to introduce the candidate to research; (4) and to give the candidate practice in creativeness in the space arts on a higher level than is possible in undergraduate work.

Required for the minor are Art 515, Problems in Teaching Art; Art 685, The Criticism of Art; and six hours in Art 595, Practice of Art. The proposed program of study should be checked by the chairman of the art department prior to registration. *Courses will be offered on demand.*

ENGLISH LANGUAGE AND LITERATURE

MR. LOCKE, *Head of the Department*

ENGLISH 101. *Reading and Composition*. (11 sections.) Daily; three credits.

Reviews the principles of grammar and usage in oral and written English, directs reading and analysis of selected examples of prose and poetry, and requires frequent compositions with attention to logical relation and arrangement of ideas, and to readability and interest.

ENGLISH 102. *Reading and Composition*. (3 sections.) Daily; three credits. Description above.

ENGLISH 233. *Introduction to Literature*. (3 sections.) Daily; three credits.

An introduction to the study and appreciation of literature through a limited number of carefully selected examples of fiction, poetry, and drama.

ENGLISH 234. *Introduction to Literature*. (3 sections.) Daily; three credits. Description above.

ENGLISH 236. *Survey of English Literature*. Daily; three credits.

A general survey with readings, discussions, and reports, presented chronologically, from the middle of the eighteenth century to modern times.

ENGLISH 248. *Survey of American Literature*. Daily; three credits.

A survey presented historically and critically through lectures, outside readings, research papers, and discussions. The second semester concludes with Hemingway and Faulkner.

ENGLISH 330. *Imaginative Writing*. Daily; three credits.

Intensive exercises in the writing of lyric poems or the short story. Attention to selected examples of the genres by contemporary authors.

ENGLISH 420. *Advanced English Grammar*. Daily; three credits.

Advanced studies in current English grammar required of students preparing to teach English and suggested for others who need additional work in grammar.

ENGLISH 430. *Modern English Linguistics*. Daily; three credits.

The basic assumptions of modern linguistics are examined and applied to the analysis of various classes of English sentences. The study proceeds from the phoneme to the morpheme to syntactic cuts and structures. Specific topics include immediate-constituent analysis, form classes, and structural types. Recent findings in the generative-transformational grammars are also studied and applied.

PHILOSOPHY 240. *Introduction to Philosophy*. Daily; three credits.

This course seeks to acquaint students with both the history and the characteristic problems of philosophical inquiry. Special attention is given to the nature of philosophical statements as such, in their historical origin, and to the nature of the questions they seek to answer. Important concepts in the development of Western thought are examined in their bearing on ethics, religion, science, and art.

GRADUATE COURSES

Majors (Required: 9 semester hours. Twelve additional hours needed for the major may be chosen from elective courses.)

ENGLISH 501. *The Growth and Structure of the English Language*.

ENGLISH 520. *The Practice of Literary Criticism*.

ENGLISH 601. *Shakespeare*.

Minors (Required: 6 semester hours. The six additional hours needed for the minor may be chosen from elective courses.)

ENGLISH 540. *Poetry and Prose of the English Renaissance*.

ENGLISH 580. *Studies in the Poetry of the Romantic Movement*.

ENGLISH 601. *Shakespeare*.

The attention of undergraduate students, especially those majoring in English, is called to the possibility of enrollment in graduate courses for undergraduate credit. With the approval of the instructor, qualified juniors and seniors may enter English 540 and 580 described below.

SIX-WEEK SESSION

ENGLISH 540. *Poetry and Prose of the English Renaissance*. One hour and twenty minutes daily; three credits.

The major literary expressions of the English Renaissance from the rise of humanism to Milton, excluding Shakespeare.

ENGLISH 580. *Studies in the Poetry of the Romantic Movement*. One hour and twenty minutes daily; three credits.

A study of romanticism in the works of the precursors, Wordsworth, Coleridge, Byron, Shelley, Keats, and others. The choice of authors to be studied may vary in different years.

ENGLISH 601. *Shakespeare*. One hour and twenty minutes daily; three credits.

A study of selected plays by Shakespeare, either of the tragedies and histories or the comedies and histories.

ENGLISH 680. *Reading and Research*. Three credits.

Opportunity is given the individual student for supervised reading and research in the literature of his special interest. *Reading and Research* may be done only in the major field of study.

ENGLISH 700. *Thesis*. Six credits.

A thesis in the major field of interest and completed to the satisfaction of the Student's Advisory Committee and the Graduate Council may be submitted in partial fulfillment of the requirements for the Master's degree. Students who elect to write a thesis are required to complete twenty-four semester hours in course work. The Student's Advisory Committee must recommend the thesis subject and outline to the Graduate Council for approval at least three months prior to the time the degree is expected to be awarded. The thesis must be completed one month before the time of graduation to assure the Advisory Committee of its acceptability.

FOREIGN LANGUAGES

MRS. RAUCH, *Head of the Department*

FRENCH

FRENCH 231. *Intermediate French*. Two periods daily, first four weeks; three credits.

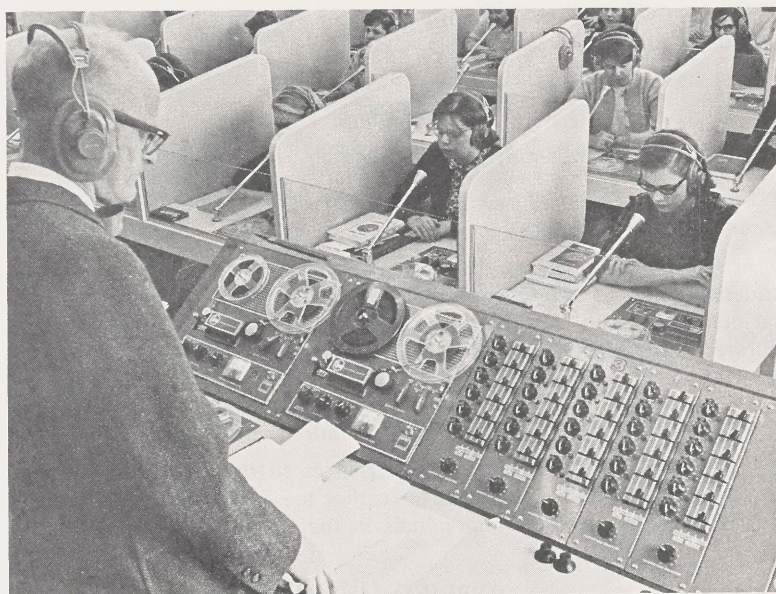
A thorough grammar review, dictation, simple composition and conversation. *Prerequisite: Fr. 101-102 or two years of high school French; or one year of college French.*

FRENCH 232. *Intermediate French*. Two periods daily, second four weeks; three credits.

Progressive readings on French Civilization and Modern French Literature; outside readings. *Prerequisite: Fr. 231.*

FRENCH 250. *Conversation and Advanced Composition*. Daily; three credits.

Intensive training in the use and comprehension of modern everyday French with emphasis upon conversation and composition to give the student confidence in expressing himself in simple idiomatic French. (This course was offered formerly as French 305.) *Prerequisite: 231-232 or four years of high school French.*



GERMAN

GERMAN 231. *Intermediate German*. Two periods daily, first four weeks; three credits.

Review of basic grammar. Readings, written exercises, and conversation. Practice in pronunciation and comprehension will be done in the language laboratory. *Prerequisite: Ger. 101-102 or two years of high school German or its equivalent.*

GERMAN 232. *Intermediate German*. Two periods daily, second four weeks; three credits.

Brief survey of German literature and civilization. Conversation and short topic compositions; outside readings. *Prerequisite: Ger. 231.*

SPANISH

SPANISH 231. *Intermediate Spanish*. Two periods daily, first four weeks; three credits.

A thorough grammar review, dictation, simple composition and conversation. *Prerequisite: Sp. 101-102 or two years of high school Spanish; or one year of college Spanish.*

SPANISH 232. *Intermediate Spanish*. Two periods daily, second four weeks; three credits.

Progressive readings on Civilization and Modern Spanish Literature; outside readings. *Prerequisite: Sp. 231.*

MUSIC

MR. ANDERSON, *Acting Head of the Department*

MUSIC 200. *Music in General Culture*. (2 sections.) Daily; three credits.

An introductory course having as its aim the broadening of one's understanding of music through thoughtful listening. Music of the various styles and periods will be discussed and illustrated through lectures and recordings. This course is nontechnical and is required of students of all curricula.

MUSIC EDUCATION 375. *Music for Children*. Daily; three credits.

A study of desirable musical experiences in the elementary school and of materials and procedures to further these experiences. Attention will be given to needs of individuals in the class.

APPLIED MUSIC

Nine hours of credit in applied music—piano, voice, organ, and an orchestral instrument—may be offered for the B.S. and A.B. degrees. Twenty-four hours may be offered toward the B.M.Ed. degree. Music teachers will be given help in the selection of modern materials and in procedures for teaching.

PIANO 115-116; 215-216; 315-316; 415-416. One credit.

The work in piano is suited to the needs of the individual with special attention given to the fundamentals of correct technique. Every effort is made to acquaint the student with the best in piano

literature and to promote an appreciation for piano music in general.

VOICE 115-116; 215-216; 315-316; 415-416. One credit.

Special attention is given to breath control, voice building, diction, and interpretation. Instruction is suited to the needs of the individual.

ORGAN 115-116; 215-216; 315-316; 415-416. One credit.

Emphasis is given to development of playing skills, knowledge of registration, and repertory.

ORCHESTRAL INSTRUMENTS 115-116; 215-216; 315-316; 415-416. One credit.

Students may register for instruction on any of the string, brass or woodwind instruments or in percussions. Emphasis is given to correct breathing, development of embouchure, different types of tonguing, transposition, and studies including the phases of techniques needed by each individual student.

CHORUS 109, 209, 309, 409. Four periods a week; one credit.

The chorus is open to both men and women students. Experience will be given in singing various types of choral music. Procedures and materials for school choral groups will be studied and discussed. Conducting will be included for those who need this experience. The chorus will serve as a college choir when needed.

FEEES FOR APPLIED MUSIC

For individual lessons in music—voice, piano, organ, or orchestral instruments—the tuition will be as follows:

<i>Instruction in Voice, Piano, Orchestral Instruments</i>		<i>Practice Charge</i>	<i>Total Charge</i>
16 lessons per session	\$30.00	\$5.00	\$35.00
1 to 8 lessons per session	\$1.90 per lesson	.30 per lesson	2.20
<i>Instruction in Organ</i>		<i>Practice Charge</i>	<i>Total Charge</i>
16 lessons per session	\$30.00	\$10.00	\$40.00
1 to 8 lessons per session	\$1.90 per lesson	.60 per lesson	2.50

The number of lessons each student wishes to take will be arranged with instructors at the time of registration. Credit for private lessons is given only when enough lessons are taken to equal one full credit of work which is 16 half-hour lessons with a minimum of 75 hours of practice for the session.

A registration fee of \$7.50 is charged music students who take only courses given as private or individual instruction, if they desire and are qualified for college credit for such course or courses.

VIRGINIA MUSIC CAMP—MASSANETTA SPRINGS JUNE 20-26

This is a camp for high school students and a workshop for teachers. It includes a Festival Chorus, a Junior Chorus, and an Orchestra, with a total of some 550 high school students, which provide opportunities for observation and laboratory experiences for the teachers' workshop. In addition, there are daily sessions in music for the elementary school. Each of these activities is under the leadership of a visiting director who is outstanding in his field.

MUSIC 171, 172, 173, 174, 175, 176. June 20-26. One credit.

Teachers who attend the music workshop and camp and who devote a minimum of 30 hours to classes, study, and observation may earn one semester hour of credit at Madison College. Registration for this credit will be held at Massanetta Springs at 4:00 p.m. on Tuesday, June 21, in a room to be announced at the opening of camp. Registration fee: \$10.00.

GRADUATE COURSES

The Department of Music offers a major of twenty-one (21) semester hours credit or a minor of twelve (12) semester hours credit in music toward the degree of Master of Arts in Education or the Master of Science in Education. Required courses for the major are Music Education 610, Research and Trends in Music Education, and at least one of the three courses in music literature. Required for the minor is Music Education 610, Research and Trends in Music Education. In each case additional courses will be elected by the student, in accordance with his interests. A thesis may be offered in lieu of six semester hours of electives.

INTERSESSION

MUSIC EDUCATION 613. *Seminar: Principles and Practices in Music Education*. Hours to be arranged; three credits.

This course deals with broader concepts in music education in developing a coordinated and continuous program, and in examining methods of instruction.

SIX-WEEK SESSION

MUSIC 511, 512, 513, 514. *Applied Music*. Two forty-minute lessons each week; one credit.

Four semester hours of credit in applied music—piano, voice, organ, and an orchestral instrument—may be offered toward the Master's degree. Graduate students will be encouraged to study applied music, and work will be suited to their individual needs.

MUSIC 563. *Twentieth-Century Music*. One hour and twenty minutes daily; three credits.

A survey of the trends found in twentieth-century music. Impressionism; "New Music" from Satie to Schoenberg, Bartok, and Hindemith. The music of contemporary American composers.

MUSIC EDUCATION 611. *The Supervision and Administration of Music*. One hour and twenty minutes daily; three credits.

The supervision of teachers of music; administrative responsibilities of music teachers and supervisors. The role of the supervisor of music in the schools.

MUSIC 620. *Analytical Studies in Music Literature*. One hour and twenty minutes daily; three credits.

The study of representative works from all periods in terms of their formal and stylistic characteristics. Stylistically the analysis will include a consideration of the following: melodic and rhythmic elements, harmonic and contrapuntal techniques, texture (in its many ramifications), orchestration (vocastration) and the interrelation of these elements in the forms as a whole. Finally the study will view each work as a product of a definite aesthetic concept.

MUSIC 700. *Thesis*. Six credits.

A thesis in the major field of interest and completed to the satisfaction of the Student's Advisory Committee and the Graduate Council may be submitted in partial fulfillment of the requirements for the Master's degree. Students who elect to write a thesis are required to complete twenty-four semester hours in course work. The student's Advisory Committee must recommend the thesis subject and outline to the Graduate Council for approval at least three months prior to the time the degree is expected to be awarded. The thesis must be completed one month before the time of graduation to assure the Advisory Committee of its acceptability.

SPEECH AND DRAMA

DR. LAHAIE, *Head of the Department*

SPEECH 200. *Speech Personality Improvement.* (5 sections.) Four periods a week—first half of the session; three periods a week—second half of the session; two credits.

This course focuses upon the importance of voice and diction with special attention to individual needs in speech activities by means of criticism and practice in oral communication situations.

SPEECH 410. *Speech Correction.* Daily; three credits.

An introduction to the field of speech correction. Consideration is given to the problems of diagnosis and corrective therapy in clinical and classroom situations. Observation and participation in activities at the Speech and Hearing Clinic. (This course was offered formerly as Speech 370.)

THE DIVISION OF THE NATURAL SCIENCES

MR. IKENBERRY, *Director*

INTERDEPARTMENTAL SCIENCE COURSES

In addition to the course offerings of the various departments, the Division of the Natural Sciences offers the following courses which are interdepartmental in content and staff:

PHYSICAL SCIENCE 110. *General Physical Science*. (2 sections.) Five single and two double periods a week (laboratory hours will be scheduled for afternoons); four credits.

A course designed to help students gain a better understanding and appreciation of their physical environment. Emphasis will be given to the background and development of some of the important concepts and ideas in the fields of astronomy, chemistry, geology, and physics. Related laboratory work is included.

SCIENCE 310. *Science in the Elementary School*. Two single and three double periods a week; four credits.

A science course which deals with the methods, materials, and literature of biological and physical science in the elementary school. The laboratory work consists of activities selected jointly by the students and the instructors on the basis of value for elementary school teaching.

GRADUATE COURSES SCIENCE

The Division of the Natural Sciences is offering graduate courses in science to permit those elementary teachers who are interested in science an opportunity to obtain a minor in science in the graduate program. This minor is limited to elementary teachers. Students electing this minor will be required to take the three courses listed below and one additional science course.

BIOLOGY 510. *Vertebrate Ecology*.

PHYSICAL SCIENCE 510. *Earth Science*.

PHYSICAL SCIENCE 520. *Matter and Energy*.

For the 1966 Summer Session Physical Science 510, *Earth Science*, and Physical Science 520, *Matter and Energy*, will be offered.

INTERSESSION

PHYSICAL SCIENCE 510. *Earth Science*. Three hours daily plus laboratory by arrangement; three credits.

A course designed to familiarize the graduate student with the basic aspects of most branches of geology. Emphasis is upon materials and structure of the earth, and how rock units are shaped into their scenic expression.

SCIENCE 512. *Natural Resources Conservation*. Three hours daily in the morning with field trips in the afternoon; three credits.

The following areas of conservation will be investigated: Mineral resources, marine life, soil and water conservation, forestry and wildlife management. (This course is sponsored by the Virginia Resource-Use Education Council for teachers in the public schools of Virginia.)

SIX-WEEK SESSION

PHYSICAL SCIENCE 520. *Matter and Energy*. One hour and twenty minutes daily; three credits.

This course is intended to give graduate students planning to teach in the elementary school an understanding of one of the major physical science problems facing mankind. Emphasis is placed on matter and energy as unifying concepts in the physical sciences. The course is taught jointly by staff members of the Chemistry and Physics Departments.

BIOLOGY

MR. GRIMM, *Acting Head of the Department*

BIOLOGY 110. *General Biology*. (6 sections.) Ten periods a week; four credits.

A beginning course which stresses the fundamental principles of life with emphasis on contemporary living. Consideration is given to the composition, structure, and organization of living bodies—cells, tissues, organs, systems, and organisms. The major systems of the human being are studied with emphasis given to reproduction and heredity. Required of all students.

BIOLOGY 120. *General Biology*. (2 sections.) Ten periods a week; four credits.

A survey of the plant and animal kingdoms. The structure, function and taxonomy of representative forms will be emphasized. Required of all Biology majors and minors. *Prerequisite: Bio. 110.*

BIOLOGY 270. *Human Physiology*. Two double and three single periods a week; three credits.

Emphasis is placed upon the functions of the muscular, circulatory, respiratory, digestive, excretory, and endocrine systems of the human body. Recommended for students in teaching, and for students preparing for medical technology or nursing. *Prerequisite: Bio. 110.*

BIOLOGY 280. *Bacteriology*. Three three-hour periods a week; four credits.

Designed to give the student a general understanding and appreciation of bacteria and related fungi. This is a basic course for pre-nursing, home economics, and pre-medical technology students. Elective to others. *Prerequisite: Bio. 110.*

BIOLOGY 290. *Human Anatomy*. (2 sections.) Five double periods a week; four credits.

An introduction to the study of human anatomy with particular emphasis on the skeletal, muscular, circulatory, endocrine and nerve systems. The laboratory animal is the cat, with emphasis on careful and accurate dissection. All laboratory quizzes are practical examinations. Required of all students preparing for nursing and for physical education majors. *Prerequisite: Bio. 110.* (Rockingham Memorial Hospital students only.)

BIOLOGY 368. *Field Botany*. Two double and three single periods a week; three credits.

This course will acquaint students with the local flora found on the Madison College campus and in surrounding areas. Factors affecting the range and growth of plants will be discussed. *Prerequisite: Bio. 110-120.*

GRADUATE COURSES

INTERSESSION

BIOLOGY 640. *Modern Theories in Biology*. Three hours daily; three credits.

A study of the meaning, value, and necessity of theories as they are related to man, the animal and plant worlds, and to nature in general. Illustrations showing how theories and progress are related.

SIX-WEEK SESSION

BIOLOGY 501. *Plant Ecology*. One hour and twenty minutes daily; three credits.

A study of the distribution and association of plants in relation to their physical and biological environments. Concepts include migration, invasion, competition, successions and climax as these influence environmental change, conservation and wildlife. Open only by permission of the instructor.

BIOLOGY 530. *Principles of Genetics*. One hour and twenty minutes daily; three credits.

A study of the facts and principles of biological inheritance.

BIOLOGY 650. *Survey of Radiation Biology*. One hour and twenty minutes daily; three credits.

A study of the effect of ionizing radiation on the organism. The nature and source of these radiations will be discussed as well as their effect and methods of protection against them.

BIOLOGY 700. *Thesis*. Six credits.

A thesis in the major field of interest and completed to the satisfaction of the Student's Advisory Committee and the Graduate Council may be submitted in partial fulfillment of the requirements for the Master's degree. Students who elect to write a thesis are required to complete twenty-four semester hours in course work. The Student's Advisory Committee must recommend the thesis subject and outline to the Graduate Council for approval at least three months prior to the time the degree is expected to be awarded. The thesis must be completed one month before the time of graduation to assure the Advisory Committee of its acceptability.

CHEMISTRY

MR. CHAPPELL, *Head of the Department*

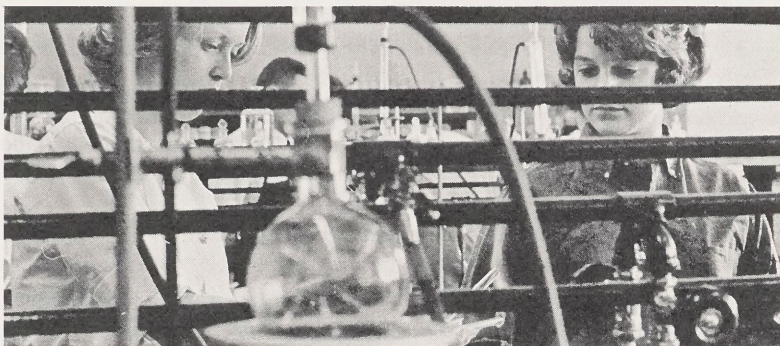
CHEMISTRY 101-102. *General Chemistry*. (2 sections.) Nine single and four double periods a week; eight credits.

The fundamental principles of chemistry are studied with much emphasis placed upon the application of these principles to daily living. A detailed study of some of the non-metallic elements is made during the first part of the course. The course also includes a brief introduction to organic chemistry; and a study of the metals, many of their compounds and their industrial manufacture and uses.

CHEMISTRY 235-236. *Organic Chemistry*. Nine single and four double periods a week; eight credits.

Includes work on aliphatic, aromatic, heterocyclic, and other important kinds of organic compounds. Type reactions, probable struc-

ture, and theories of organic reactions are stressed. Typical carbon compounds are prepared in the laboratory and their properties are studied. *Prerequisite: Chem. 101-102.*



GEOLOGY

MR. HARNSBERGER, *Head of the Department*

GEOLOGY 101-102. *General Geology.* Nine single and four double periods a week; eight credits.

An introductory geology course which covers some of the topics applicable to a study of earth science which are of interest and use to the individual. The first semester is devoted to Physical Geology, including rocks and minerals, land forms, and earth-changing processes. The second semester considers Historical Geology, emphasizing fossils in typical areas of North America as well as in local areas.

GEOLOGY 110. *Fundamentals of Geology.* Four double and one single period a week; four credits.

An introductory geology course which considers such topics as ground surface changes, streams and underground water, rocks and minerals, fossils, and the formation of topography.

GRADUATE COURSE

INTERSESSION

PHYSICAL SCIENCE 510. *Earth Science.* Three hours daily plus laboratory by arrangement; three credits.

A course designed to familiarize the graduate student with the basic aspects of most branches of geology. Emphasis is upon materials and structure of the earth, and how rock units are shaped into their scenic expression.

MATHEMATICS

MR. IKENBERRY, *Head of the Department*

MATHEMATICS 107. *Fundamentals of Mathematics*. (5 sections.) Daily; three credits.

A development of basic concepts of elementary mathematics including sets, logic, and binary operations; the natural numbers and their properties; deductive reasoning and the nature of proof.

MATHEMATICS 108. *Fundamentals of Mathematics*. (3 sections.) Daily; three credits.

A continuation of Mathematics 107 including a study of the integers, rational numbers, real numbers and their properties, relations, functions and graphs.

MATHEMATICS 125. *Introduction to College Mathematics*. Daily; three credits.

A modern treatment of the following topics: the nature of abstract reasoning and mathematical proof, set theory, the axiomatic structure of real numbers, and the usual topics of college algebra.

MATHEMATICS 126. *Introduction to College Mathematics*. Daily; three credits.

A study of functions and relations, algebraic functions, and the usual topics of trigonometry.

MATHEMATICS 207. *Basic Concepts of Algebra*. Four periods a week—first half of the session; three periods a week—second half of the session; two credits.

Basic ideas and structure of algebra including equations, inequalities, positive and negative numbers, absolute value, graphing of truth sets of equations and inequalities, and examples of other algebraic systems including finite ones. Required in Curriculum I. May not be used to satisfy other mathematics requirements.

MATHEMATICS 208. *Intuitive Foundations of Geometry*. Four periods a week—first half of the session; three periods a week—second half of the session; two credits.

A study of space, plane and line as sets of points; the elementary properties of figures in the plane and space including area and volume; concepts of measurement in the plane and space including angle measurement; the concept of deduction and deductive reasoning. Required in Curriculum I. May not be used to satisfy other mathematics requirements.

MATHEMATICS 365. *Modern Algebra*. Daily; three credits.

An introduction to the theory of groups, rings, integral domain, and fields.

MATHEMATICS 385. *Intermediate Calculus*. Daily; three credits.

A study of more advanced topics in the theory and applications of calculus including infinite series, partial differentiation, and multiple integrals. *Prerequisite: Mathematics 235-236.*

GRADUATE COURSES

A student may elect to major or minor in mathematics in the graduate program.

For a major in mathematics a minimum of twenty-one semester hours is required. This must include Mathematics 630, Mathematics 520 or 620, and Mathematics 512 or 570 or 610. The remainder of the major program will consist of electives from the graduate offerings in mathematics, chosen in consultation with the head of the department.

For a minor a minimum of twelve semester hours of graduate courses in mathematics is required. At least two of the three courses, Mathematics 512, Mathematics 520, and Mathematics 600 must be included.

INTERSESSION

MATHEMATICS 540. *Introduction to the Theory of Statistics*. Three hours daily; three credits.

An introductory course in the theory of probability and statistical inference. Probability, discrete and continuous frequency distributions; sampling theory; tests of hypotheses; correlation and regression.

SIX-WEEK SESSION

MATHEMATICS 512. *Introduction to Abstract Algebra*. One hour and twenty minutes daily; three credits.

A study of algebraic structures including groups, rings, integral domain, and fields.

MATHEMATICS 600. *Foundations of Mathematics*. One hour and twenty minutes daily; three credits.

This is an introductory study of the logical structure of Mathematics. The axiomatic method will be illustrated by developing the Peano theory of numbers.

MATHEMATICS 660. *Complex Variables*. One hour and twenty minutes daily; three credits.

Analytic functions; differentiation and integration; power series; conformal mapping.

PHYSICAL AND HEALTH EDUCATION

MISS SINCLAIR, *Head of the Department*

PHYSICAL EDUCATION 120A. *Elementary Sports (Tennis)*. Daily; one credit.

PHYSICAL EDUCATION 120B. *Elementary Sports (Golf)*. Daily; one credit.

PHYSICAL EDUCATION 140. *Elementary Dance*. Daily; one credit.

An introductory course which includes movement fundamentals, elementary folk dance and an introduction to modern dance technique and composition.

PHYSICAL EDUCATION 160. *Elementary Swimming*. (2 sections.) Daily; one credit.

The course includes swimming strokes, personal safety and rescue skills and diving.

PHYSICAL EDUCATION 225. *Intermediate Tennis*. Daily; one credit.

PHYSICAL EDUCATION 264. *Life Saving*. Four periods a week—first four weeks; three periods a week—second four weeks; one credit.

The Senior Life Saving Course of the American Red Cross. Open to all students subject to instructor's approval. Recommended for physical education majors.

PHYSICAL EDUCATION 370. *Physical Education for Children*. Four periods a week—first four weeks; three periods a week—second four weeks; two credits.

The activity needs of children and the selection and use of appropriate materials. Required of students in Curriculum I. *Prerequisite: Psy. 233-234 or equivalent.*

Students who desire an additional semester hour of credit may register for Physical Education 370A also. (Hours to be arranged.)

PHYSICAL EDUCATION 383. *Kinesiology*. Three single periods and two double periods a week; three credits.

The science of human movement involving principles of mechanics, psychology and physiology; the application of the knowledge of anatomy in improving performance. *Prerequisite: Bio. 290-270.*

HEALTH 200. *Personal and Community Health*. (3 sections.) Four periods a week—first half of the session; two periods a week—second half of the session; two credits.

A study of the principles of wholesome living and their application in the student's own life; improvement of health and the prevention of disease; the total community health program and its contribution to the health of each individual and society. *Prerequisite: Bio. 110.*

HEALTH 203. *Safety and First Aid*. Four periods a week—first half of the session; three periods a week—second half of the session; two credits.

Standard and Advanced First Aid Courses and materials and methods of instruction in various phases of safety education. Students who complete the course successfully will be certified by the Red Cross in First Aid.

HEALTH 304. *Traffic and Driver Safety*. Four periods a week—first half of the session; three periods a week—second half of the session; two credits. (Laboratory work to be assigned in afternoons.)

Problems of traffic and driver safety as they exist in our present society. Upon successful completion of this course and Health 203, students may secure an endorsement for Driver Education from the State Board of Education after graduation. *Prerequisite: Operator's license issued by the Commonwealth of Virginia.*

PHYSICS

MR. WELLS, *Head of the Department*

PHYSICS 121-122. *General Physics*. Ten single and five double periods a week; eight credits.

This course is recommended for all students planning to pursue a scientific career and for other students who desire to make physics their science elective. Mechanics, heat, sound, electricity, light, and modern physics are studied. Many problems are illustrated and additional problems are assigned. Approximately 25 per cent of class time is devoted to laboratory work.

THE DIVISION OF THE SOCIAL SCIENCES

MR. E. L. SMITH, *Director*

BUSINESS AND BUSINESS EDUCATION

MR. DICKERSON, *Head of the Department*

BUSINESS 131. *Elementary Typewriting*. Daily plus two laboratory hours a week by arrangement; two credits.

The development of proper typewriting techniques and mastery of the typewriter keyboard.

BUSINESS 360. *Business Machines*. Daily; three credits.

Development of vocational competency in the use of computing, voice-writing, and duplicating machines found in business.

BUSINESS 375. *Cost Accounting*. Daily; three credits.

An introductory course in cost accounting. It is designed for students who plan careers in accounting or business management and for teachers. Course includes a study of the fundamentals of cost accounting, consideration of cost flow, cost elements, cost classification, cost account cycle, voucher system and factory ledger.

BUSINESS 487. *Marketing*. Daily; three credits.

Deals with the role of marketing in our economic society, marketing agencies, functions, methods, and costs. Attention is given to the value and purposes of marketing research.

GRADUATE COURSES

MAJOR

The graduate program leading to a major in the Department of Business and Business Education embraces three areas of concentration. The graduate student is expected to complete courses in each of the following three areas:

1. Improvement of Teaching.
2. Personal and Professional Development.
3. Research.

In addition to the above three areas of concentration in business and business education the graduate student will complete the appropriate number of semester hours for a minor in education. The Master of Science in Education degree is awarded upon the successful completion of the graduate program in business education.

MINOR

A minor in business education consists of twelve semester hours of approved courses in business and business education.

Required courses for a minor in business education are:

B.E. 520. Advanced Studies in the Basic Business Subjects

OR

B.E. 530. Advanced Studies in the Skill Business Subjects

B.E. 550. Curriculum Construction in Business Education

B.E. 610. Problems in Business Education

B.E. 630. Seminar in American Business

OR

B.E. 640. Seminar in Automated Data Processing Systems

INTERSESSION

BUSINESS EDUCATION 530. *Advanced Studies in the Skill Business Subjects*. Three hours daily; three credits.

Advanced work in the new techniques and methods of teaching the skill subjects in the secondary schools. Emphasis will be placed on the Diamond Jubilee Shorthand series.

BUSINESS EDUCATION 640. *Seminar in Automated Data Processing Systems*. Three hours daily; three credits.

Seminar in Automated Processing Systems, designed to provide the business teacher with the latest methods, techniques, and knowledges essential to the teaching of data processing.

SIX-WEEK SESSION

BUSINESS EDUCATION 550. *Curriculum Construction in Business Education*. One hour and twenty minutes daily; three credits.

Principles, practices, and problems in the evaluation and construction of business education curricula to meet the needs of youth in our secondary schools.

BUSINESS EDUCATION 630. *Seminar in American Business*. One hour and twenty minutes daily; three credits.

Comprehensive review of current operation of the American Corporation. Study is made of the history, structure, contributions, and future place of the corporation in the American business life.

BUSINESS EDUCATION 680. *Reading and Research*. Three credits.

Examination of approved research procedures for business education. Preparation of reports from assigned field problems applied to various research techniques. *Reading and Research* may be done only in the major field of study.

BUSINESS EDUCATION 700. *Thesis*. Six credits.

A thesis may be submitted in partial fulfillment of the requirements for the Master's degree. It must be research on a subject in the major field of interest and completed to the satisfaction of the Student's Advisory Committee and Graduate Council. The Student's Advisory Committee must recommend the thesis subject and the outline to the Graduate Council for approval at least three months prior to the time the degree is expected to be awarded. The thesis must be completed one month before the time of graduation to assure the Advisory Committee of its acceptability. If a thesis is elected, B.E. 680 will not be taken.

HISTORY

MR. DINGLELINE, *Head of the Department*

HISTORY 233. *United States History to 1865*. (8 sections.) Daily; three credits.

A survey of United States history from its colonial beginnings through the Civil War. Interpretation and analysis are stressed.

HISTORY 234. *United States History Since 1865*. Daily; three credits.

A survey of United States history from the Civil War to the present. Interpretation and analysis are stressed.

HISTORY 255. *History of Civilization to 1650*. Daily; three credits.

A survey of important historical developments from prehistoric times to the mid-seventeenth century. Emphasis is given to the rise and decline of great civilizations and to their lasting contributions to mankind.

HISTORY 256. *History of Civilization Since 1650*. Daily; three credits.

A survey of important historical developments from the mid-seventeenth century to the present. Emphasis is given to the growth of nationalism, the development of colonialism, and to the events, problems, and conflicts of the present century.

HISTORY 350. *Virginia History*. Daily; three credits.

An interpretive survey of the history of Virginia from its colonial beginnings to the present time.

HISTORY 364. *History of Latin America*. Daily; three credits.

Designed to acquaint the student with the history, culture, and significance of selected Latin-American republics.

HISTORY 487. *Medieval History*. Daily; three credits.

Attention is focused on Europe in the Middle Ages, with a concentration on social and intellectual aspects and on the development of parliamentary institutions.

GRADUATE PROGRAMS IN THE DEPARTMENT OF HISTORY

A student may elect to major or minor in History in the Graduate Program.

Major—21 credit hours required

12 credit hours in History

9 credit hours in at least two Social Science subjects (selected from Economics, Geography, Political Science, and Sociology)

OR

12 credit hours in History

3 credit hours in a Social Science subject (selected from Economics, Geography, Political Science, and Sociology)

6 credit hours in a thesis

Minor—12 credit hours required

12 credit hours in History

GRADUATE COURSES

SIX-WEEK SESSION

HISTORY 525. *United States History, 1800-1850*. Daily; three credits.

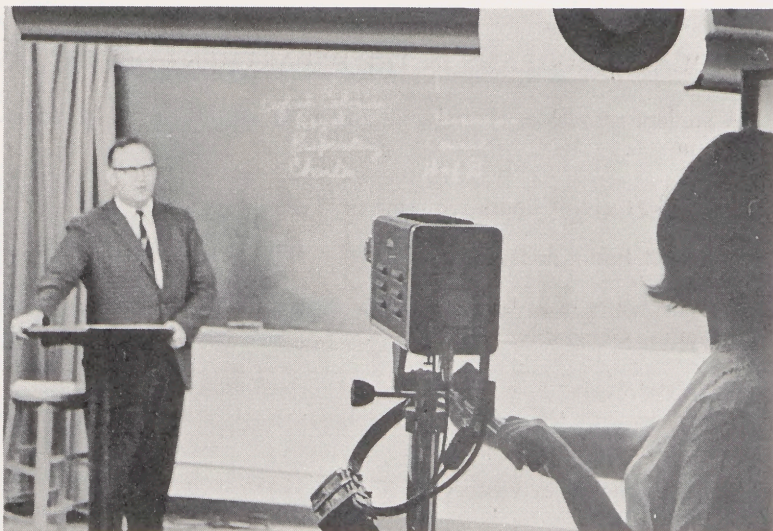
This course offers an opportunity for a thorough study of selected topics from this period of United States history. Research papers, lectures, and class discussions will deal with the subjects chosen.

HISTORY 635. *Topics in History of Civilization*. Daily; three credits.

This course offers an opportunity for the study of selected subjects and periods in the history of civilization. Topics include the Age of Exploration, the Rise and Fall of Western Colonialism, and the Growth of the Idea of the Modern Welfare State.

HISTORY 700. *Thesis*. Six credits.

A thesis may be submitted in partial fulfillment of the requirements for the Master's degree. The Student's Advisory Committee must recommend the thesis subject and outline to the Graduate Council for approval. The thesis must be completed sixty days before the time of graduation.



HOME ECONOMICS

MISS ROWE, *Head of the Department*

HOME ECONOMICS 320. *Consumer Economics*. Daily; three credits.

This course is a study of the consumer aspect of activity in our economic system. It deals with the problems of the family relating to

judging quality, checking quantity, and comparing prices in consumer buying. *Prerequisite: Social Science 210.*

GRADUATE COURSE

INTERSESSION

HOME ECONOMICS 679. *Seminar in Vocational Home Economics Education.* Three hours daily; three credits.

A study is made of the contribution of home economics to American education. A critical examination is made of trends and issues in curriculum development, instruction, guidance, evaluation, supervision, and research. *Prerequisite: Home Economics Education 400 or equivalent.*

LIBRARY SCIENCE

MR. PALMER, *Head of the Department*

Courses required for a major in library science are: L.S. 240, L.S. 354, L.S. 365, L.S. 366, L.S. 370, L.S. 477, L.S. 478, and L.S. 480.

Courses required for a minor are: L.S. 240, L.S. 354, L.S. 365, L.S. 366, L.S. 477, and L.S. 480.

LIBRARY SCIENCE 240. *Library Resources for Children.* (2 sections.) Daily; three credits.

Principles and aids to help teachers and librarians become familiar with the literature available for children. Emphasis is placed upon wide acquaintance with the books to be used by the children. Some attention will be given to the history of children's literature, to general information books, to sources of reference materials, and to magazines for children.

LIBRARY SCIENCE 354. *Library Resources for Young People.* Daily; three credits.

The purpose of this course is to introduce students to the wealth of printed materials available for young people. Students will examine and read extensively among the books that have been written for young people in order to learn how to select and use the best reading material. A project in a subject and grade level of greatest interest to the student may be undertaken as a part of the course.

LIBRARY SCIENCE 365. *Organization of Materials.* Daily; three credits.

Acquisition and preparation of books and other materials for use. Methods of ordering, simplified cataloging, the mechanical preparation of materials, and circulation systems are considered.

LIBRARY SCIENCE 366. *Administration of School Libraries*. Daily; three credits.

The functions, organization, planning, equipment, and management of the school library. Methods of teaching the use of books and libraries will also be considered.

LIBRARY SCIENCE 370. *Audio-Visual Materials*. (2 sections.) Daily, laboratory hours to be arranged; three credits.

Attention is given to (1) the role of auditory and visual aids in the achievement of educational objectives, (2) principles of selection and evaluation of audio-visual materials, (3) techniques for using audio-visual materials in the classroom, and (4) the operation of equipment.

LIBRARY SCIENCE 477. *Reference and Bibliography*. Daily; three credits.

A study of encyclopedias, dictionaries, yearbooks, periodical indexes, and reference books in various subject fields. Attention is given to the technique of reference work.

LIBRARY SCIENCE 478. *Cataloging*. Daily; three credits. Laboratory hours as arranged.

The principles and methods of the preparation of books for use in small libraries. Students will classify and catalog under supervision. Ability to use a typewriter is important. (Library Science 365 should be completed before enrolling in Library Science 478.)

LIBRARY SCIENCE 480. *Directed School Library Service*. Three credits.

Work, under supervision, in the training schools in all the phases of library service. Enrollment in this course is limited because facilities are limited. Prospective students should write to the head of the department as early as possible about admission. *Prerequisite: L. S. 240, L. S. 354, L. S. 365, L. S. 366, and L. S. 477.*

LIBRARY SCIENCE 490. *Problems in School Librarianship*. Three credits.

This course provides an opportunity for intensive study of a specific topic in school librarianship. Each student will work individually on a project of his own choice. *Prerequisite: Twenty-four semester hours of library science, or approval of the head of the department.*

SOCIAL SCIENCE

MR. E. L. SMITH, *Head of the Department*

SOCIAL SCIENCE 110. *Introduction to Political Science*. Daily; three credits.

Introduction to concepts, organization, and terminology of government. Basic introductory material for the study of political science, including national, state, and local government, international relations, comparative government, constitutional law, and political theory.

SOCIAL SCIENCE 120. *Introduction to Geography*. Daily; three credits.

The systematic study of the nature of man's habitat noting similarities and differences which occur throughout the globe. Elements of the natural environment are studied with the emphasis upon their interrelationship. World population growth and distribution as well as man's activities are touched upon during the study. *Prerequisite for all other geography courses.*

SOCIAL SCIENCE 139. *Principles of Sociology*. Daily; three credits.

This course is designed to help the student understand the interrelationship of kinship, occupation, religion, education, and social stratification in present day American society, and to acquaint the student with some of the major ideas, theories, and writings in sociology.

SOCIAL SCIENCE 210. *Introduction to Economics*. Daily; three credits.

This course deals with the goals of our economy, its income and its distribution, competition, labor unions, debts and money, prospects and depression, control of economic fluctuations, economic growth, our international trade and our government and our economy.

SOCIAL SCIENCE 250. *Social Problems*. Daily; three credits.

Designed to introduce the student to the nature of social organization and social disorganization. Emphasis is on problems relating to family behavior, juvenile delinquency, social stratification, social mobility, and mental health.

SOCIAL SCIENCE 310. *Modern Political Theory*. Daily; three credits.

Emphasis upon selected political thinkers from Machiavelli to the present with some attention given to prior theorists such as Plato and Aristotle. Among the concepts to be considered are the state, natural law, and sovereignty.

SOCIAL SCIENCE 345. *Economic Geography*. Daily; three credits.

Deals with the geographic factors influencing successful production, manufacturing, transportation, and man's use of the leading commodities from such sources as the farm, the mine, and water bodies. Recent changes and adjustments are stressed.

SOCIAL SCIENCE 425. *Crime and Delinquency*. Four periods a week; two credits.

This course will survey the recent research and reports pertaining to crime and delinquent behavior, with an emphasis on young adult deviation and youth culture standards.

SOCIAL SCIENCE 435. *Race and Minority Relations*. Four periods a week; two credits.

This course is a detailed study of the background and development of the contemporary problems of minority groups in America. Primary emphasis will be placed on the Negro as a minority although nationality and religious minorities will also be included.

SOCIAL SCIENCE 467. *Cultural Anthropology*. Daily; three credits.

The purpose of this course is to acquaint the student with man in the primitive world including such topics as prehistoric times, primitive technology and culture, and cultural and social evolution. Emphasis will be placed on the study of social change.

SOCIAL SCIENCE 490. *Special Studies in the Social Sciences*. Hours to be arranged; three credits.

Designed to give capable students in social science an opportunity to do independent study under faculty supervision. The student may do special work in any of the following: Economics, Geography, Government, History, and Sociology or Anthropology. *Prerequisite: Recommendation of the instructor and permission of the Head of the Department.*

GRADUATE PROGRAMS IN THE DEPARTMENT OF SOCIAL SCIENCE

A student may elect to major or minor in Social Science in the Graduate Program.

Major—21 hours required.

9 credit hours concentration in one Social Science subject to be selected from: Economics, Geography, Political Science, or Sociology, and

12 credit hours in at least two other social science subjects including history.

OR

12 hours credit in one social science subject to be selected from: Economics, Geography, or Political Science, *and*

3 hours elective from any other social science area including history, *and*

6 hours credit in a thesis.

Minor—12 hours required.

In order to minor in Social Science, the student must complete twelve semester hours from any courses listed in the Graduate Bulletin.

GRADUATE COURSES

INTERSESSION

SOCIAL SCIENCE 501A. *Economics Seminar: Industry-in-Action.* Daily; three credits.

This course is designed to highlight the American free enterprise system. Students will participate in a four-day field trip to examine how our economic system operates at the production level. Lectures and demonstrations in the field will include visits to major representative industrial plants.

This program is limited to fifteen students. On account of the field trip, a special non-refundable fee of twenty-five dollars (\$25.00) must be paid *in advance* to the Head of the Department of Social Science and History. This special fee will be in addition to the regular registration fees for the course which are payable to the Business Office.

SOCIAL SCIENCE 520C. *Government Seminar: International Relations.* Daily; three credits.

This course is designed to acquaint the student with the operations of the various branches of our government, which function in the field of international relations. Lectures and demonstrations in the field will include visits to Washington, D. C., and some of the specialized agencies associated with world affairs.

Enrollment is limited to fifteen students. On account of the field trips, a special non-refundable fee of twenty-five dollars (\$25.00) must be paid *in advance* to the Head of the Department of Social Science. This special fee will be in addition to the regular registration fees for the course which are payable to the Business Office. The course will be offered during Intersession only.

SIX-WEEK SESSION

SOCIAL SCIENCE 550. *Problems in State and Local Government*. One hour and twenty minutes daily; three credits.

This course will focus attention on the major problems faced by local and state governments. The problem will include political leadership, operation of the courts, police power, fiscal problems, metropolitan areas and others.

SOCIAL SCIENCE 600. *Contemporary Economics*. One hour and twenty minutes daily; three credits.

The role of economics in national and world affairs is analyzed and special attention is given to international trade, distribution of wealth, income, taxation and public debt, recurrent major depressions and periods of prosperity, and types of economic systems.

SOCIAL SCIENCE 680. *Reading and Research*. Three credits.

An opportunity is offered the individual student for reading and research in areas of his special interest. *Reading and Research* may be done only in the major field of study.

SOCIAL SCIENCE 700. *Thesis*. Six credits.

A thesis in the major field of interest and completed to the satisfaction of the Student's Advisory Committee and the Graduate Council may be submitted in partial fulfillment of the requirements for the Master's degree. Students who elect to write a thesis are required to complete twenty-four semester hours in course work. The Student's Advisory Committee must recommend the thesis subject and outline to the Graduate Council for approval at least three months prior to the time the degree is expected to be awarded. The thesis must be completed one month before the time of graduation to assure the Advisory Committee of its acceptability.

THE DIVISION OF TEACHER EDUCATION

MR. CALDWELL, *Director*

EDUCATION AND PSYCHOLOGY

A. EDUCATION

EDUCATION 358. *Arithmetic in the Elementary School*. Daily; three credits.

Consideration will be given to the use of manipulative, visual, and symbolic materials to give meaning to the number system, and to help the child to gain an understanding of number operations with whole numbers, fractions and decimals. The prospective teacher will consider what the pupil must learn, what the order of their learning must be, and what they must do to learn. Designed for students in Curriculum I.

EDUCATION 359. *Reading in the Elementary School*. Daily; three credits.

This is a basic course in the teaching of reading in the elementary school. The materials and procedures which are used in the modern school system are studied. Attention is given to teacher-made materials for use in the reading program. Testing for readiness and achievement in reading is emphasized.

EDUCATION 360. *Foundations of Curriculum*. (2 sections). Daily; three credits.

This course deals with problems that must be solved in the evolution of the curriculum in the public schools, the choices of principles and procedures for selecting the potential experiences comprising the instructional program, the selection of a pattern of curriculum organization, and the determination of principles and procedures by which changes in the curriculum can be made, evaluated and sustained.

EDUCATION 369. *Methods and Materials in Teaching in Elementary Grades*. Daily; three credits.

This course is planned for those students preparing to teach in the elementary school. This is an integrated methods course designed to meet the developmental needs of children in the various subject fields included in the elementary school curriculum.

EDUCATION 370. *Methods and Materials in Teaching in the Secondary School*. Daily; three credits.

This course is planned for students preparing to teach in the secondary school. This is an integrated methods course designed to familiarize students with a variety of methods, to develop practical details of these methods, to acquaint students with a variety of materials and their uses, and to develop concepts leading to an understanding of the needs of high school students in our society and the role of the teacher in the total school program.

EDUCATION 470. *History and Philosophy of Educational Thought*. (2 sections.) Daily; three credits.

This course is planned to help the prospective teacher secure a foundation for building a philosophy of education for himself by developing a working knowledge of the language of educational philosophy; by comparing contemporary views on education; by becoming acquainted with the main currents of educational thought over the last twenty-five hundred years, to the end of understanding better the nature and place of education in American culture today.

EDUCATION 480. *Directed Teaching*. Six credits.

This course gives experience in teaching under public school conditions with emphasis on the use of the Virginia curriculum. Two group conferences will be arranged each week. Advance registration is necessary. Write Mr. Raymond J. Poindexter, Director of Laboratory School Experiences.

Students needing three semester hours of credit may register for Ed. 480A.

EDUCATION 495s. *Teaching Problems*. Daily; three or six credits.

This course is planned to help mature teachers on problems chosen for study, using educational literature and practical research. It serves two purposes: (1) Work on any teaching problem of elementary or secondary level which is individually chosen and approved by the instructor; (2) Substitute for Ed. 480 or Ed. 480A in cases of mature teachers who choose this experience and whose applications must be made in advance to the Dean of the Summer Session.

Three credits in four weeks or six credits in eight weeks. Two hours of class meeting weekly and laboratory hours as needed.

B. PSYCHOLOGY

PSYCHOLOGY 231. *General Psychology*. Daily; three credits.

An introduction to the study and interpretation of human behavior with emphasis on the social and philosophical factors which influence

the developing individual. Such topics as perception, motivation, emotion, personality, intelligence, and learning will be considered. Some attention will be given to the behavior of lower animals.

This course is designed for students in non-teaching curricula.

PSYCHOLOGY 233. *Human Growth and Development*. (2 sections.) Daily; three credits.

An overview of the significant principles describing human development and behavior and the relation of these principles to the work of the school. Case studies, observation of groups, and of an individual child, are an integral part of the course.

This course is designed to meet the Virginia certification requirements in the area of human growth and development.

PSYCHOLOGY 357. *Psychology of Personality*. Daily; three credits.

This course deals with the development of human personality. The formation of personality, its determinants, its organization and dynamics and a psychological analysis of personality are considered in this course.

PSYCHOLOGY 476. *Psychology of Exceptional Children*. Three hours daily; three credits.

This course deals with the problems of exceptional children. The major purpose is to gain a functional understanding of the various types of psychological and physical deviates, both as to the genesis of their behavior processes, their treatment, and the guiding principles involved in their education.

PSYCHOLOGY 488. *Mental Tests and Measurements*. Daily; three credits.

This course deals with the procedures and use of a testing program. Mental, personality, achievement, and aptitude testing is included. Students score and interpret test results. Statistical procedures necessary to interpret scores are studied. *Prerequisite: Psy. 231-232, Psy. 233-234, or equivalent.*

GRADUATE PROGRAM IN THE DEPARTMENT OF EDUCATION AND PSYCHOLOGY

MAJOR

The candidate for the degree of Master of Arts in Education or the Master of Science in Education must either major or minor in Education.

The graduate program of the Department of Education and Psychology is designed to improve the competency in professional education of teachers holding positions in the elementary school and for teachers in academic and special subject fields in the secondary school.

The Department of Education and Psychology offers three major programs of study. These programs are: (1) for teachers in the elementary school; (2) for teachers in the secondary school; and (3) for college graduates who have not had sufficient work in professional education and who wish certification in teaching. The department offers courses leading to certification in guidance and counseling.

It is recommended that the teacher in senior high school, who has the Collegiate Professional Certificate, major in a subject field.

The candidate for the Master's degree who elects to major in Education must successfully complete (a) twenty-four semester hours of work and submit a thesis, or (b) thirty semester hours of work without a thesis. Education 630 is required of all students majoring in Education.

MINOR

The candidate for the Master's degree who elects to major in a subject field and to minor in Education must successfully complete a minimum of nine semester hours of work. One course should be selected, with the approval of the adviser in Education, from three of the following four groups of courses: (a) Ed. 518, Ed. 528, Ed. 584; (b) Ed. 512, Ed. 540, Ed. 567, Ed. 591; (c) Ed. 501A, Ed. 501B, Ed. 502, Ed. 505, Ed. 507, Ed. 525A; (d) Ed. 620, Ed. 640, Ed. 650, Ed. 680.

GRADUATE COURSES

INTERSESSION

¹EDUCATION 501B. *Seminar in Education and Psychology: Educational Television*. Three hours daily; three credits.

This workshop-type experience will explore the role of television and the implications of this medium for education.

¹EDUCATION 501D. *Survey of Exceptional Children*. Three hours daily; three credits.

This is a general survey course of the entire field of special education. Open to approved undergraduates.

¹ In addition to an application form for admission to the Summer Session, a letter of application addressed to Dr. Charles Caldwell is required. (Refer to pages 48-49.)

EDUCATION 502. *The Elementary School Reading Program*. Three hours daily; three credits.

The total elementary school reading program will be examined including basal reading, remedial reading, recreational reading and reading in the subject matter fields. Various approaches to these four areas such as the basal reader approach, the individualized approach, and the linguistic approach will be studied. (This course was offered formerly as Education 501C.)

EDUCATION 584. *Human Growth and Development*. Three hours daily; three credits.

This course deals with the principles basic to an understanding of the growth and development of human beings. The dynamics influencing behavior are explored. Techniques for studying behavior are considered and case materials analyzed.

EDUCATION 640. *The Fundamentals of Educational Administration*. Three hours daily; three credits.

This course deals with such topics as federal, state and local authority and control of education; financial support for public education; problems related to the administration and supervision of pupil personnel, teaching personnel, and of the instructional program.



SIX-WEEK SESSION

EDUCATION 501E. *Education of Mentally Retarded Children*. One hour and twenty minutes daily; three credits.

This course deals with the organization of instruction for the trainable and educable mentally retarded and slow learner. Major emphasis will be on curriculum adjustment, specialized methods, and evaluation. Open to approved undergraduates. (This course was offered formerly as Education 501D.)

EDUCATION 503. *Philosophy of Education*. One hour and twenty minutes daily; three credits.

This course includes a critical survey of widely recognized theory regarding the nature and purpose of education in the Western World, with special emphasis upon such theory as it bears on and gives direction to educational policy and practice within the American democracy.

EDUCATION 504. *Occupational and Educational Information*. One hour and twenty minutes daily; three credits.

A survey of the sources of occupational information and their use in counseling individuals and groups; the philosophy and principles underlying the integration of occupational and educational guidance; the study of community job resources; and plant and industrial visits.

EDUCATION 507. *Diagnostic and Remedial Techniques in Reading*. One hour and twenty minutes daily; three credits.

In this course various types of reading difficulty will be studied. The major emphasis will be upon diagnosis and remediation. Each student will be expected to diagnose several subjects who are having difficulty in reading and write reports of his findings with recommendations for therapy.

EDUCATION 518. *Growth and Development During Childhood and Preadolescence*. One hour and twenty minutes daily; three credits.

The principles underlying the growth and development of boys and girls in the elementary school are explored in this course. Extensive reading and analysis of current research are required.

EDUCATION 540. *Basis of Curriculum Development*. One hour and twenty minutes daily; three credits.

This course is designed to help teachers determine what public schools in a democratic society should teach. Also included is the preparation of curriculum guides in all subject fields at both the elementary and secondary school levels.

EDUCATION 630. *Research Methods in Education*. One hour and twenty minutes daily; three credits.

This course is designed to develop those skills, insights, and understandings which will enable the student to become both an intelligent consumer and an intelligent producer of educational research.

EDUCATION 650. *Supervision of Instruction*. One hour and twenty minutes daily; three credits.

In this course supervision is viewed as educational leadership in the improvement of instruction. The implications of research on the nature and scope of supervision are reviewed; current views on cooperative planning of supervisory programs are analyzed; and the improvement of supervisory techniques studied.

EDUCATION 680. *Reading and Research*. Three credits.

The student registered for this course is given an opportunity for directed reading and research in areas of his special interest.

This course cannot be considered as part of the minor in education. *Prerequisite: Ed. 630 or its equivalent.*

EDUCATION 700. *Thesis*. Six credits.

A thesis in the major field of interest and completed to the satisfaction of the Student's Advisory Committee and the Graduate Council may be submitted in partial fulfillment for the requirements for the Master's degree. Students who elect to write a thesis are required to complete twenty-four semester hours in course work. The Student's Advisory Committee must recommend the thesis subject and outline to the Graduate Council for approval at least three months prior to the time the degree is expected to be awarded. The thesis must be completed one month before the time of graduation to assure the Advisory Committee of its acceptability.



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DEPART

*Art 160

*Art 200

*Art 310

*Bio 110

*Bio 111

*Bio 112

*Bio 200

*Bio 201

*Bio 300

*Bio 301

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Ed 350

Ed 360

Ed 470

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SCHEDULE OF COURSES

Faculty members should adhere strictly to the schedule which determines the time and place of class meetings. *No change in either time or place of class meeting may be made without prior approval by the Dean of the College.*

UNDERGRADUATE—EIGHT WEEKS—JUNE 20-AUGUST 12

PERIOD 1—7:15-8:15

DEPARTMENT	NAME OF COURSE	INSTRUCTOR	DAYS	ROOM
*Art 160	Introductory Painting	Diller	Daily	WA3
*Art 200a	Art in General Culture	Beer	Daily	W40
*Art 310a	Art Activities in the Elementary School	Theodore	MWF	W39
*Bio 110a	General Biology	Phillips	Daily	B215
*Bio 110b	General Biology	Ogle	Daily	B210
*Bio 110c	General Biology	Ferry	Daily	B113
*Bio 280	Bacteriology	Grimm	MWF	B214
*Bio 290N1	Human Anatomy (RMH)	Graves	Daily	B116
Bus 360	Business Machines	Walsh	Daily	M22
Bus 375	Cost Accounting	Sanders	Daily	M12
*Chem 101-102	General Chemistry	Chappell and Cool	Daily	B301-316
Ed 359	Reading in the Elementary School	Hopkins	Daily	AS Cafeteria
Ed 369	Methods and Materials in Teaching in Elementary Grades	Blair	Daily	W28
Ed 470a	History and Philosophy of Educational Thought	West	Daily	W21
Eng 101a	Reading and Composition		Daily	W31
Eng 101b	Reading and Composition	Curtis	Daily	W32
Eng 102a	Reading and Composition	Loy	Daily	M17
Eng 234a	Introduction to Literature		Daily	M9
*Geol 110	Fundamentals of Geology	Farmer	Daily	B206
Hth 200a	Personal and Community Health	Edwards	MTWF****	J1
Hist 233a	United States History to 1865	Bland	Daily	M11

Room assignments are as follows: AG stands for Ashby Gymnasium; AS, for Anthony-Seeger Campus School; B, for Burruss Science Hall; BA, for Blackwell Auditorium; FSH, for Field and Sports House; H, for Harrison Hall; J, for basement in Johnston Hall; K, for Keezell Hall; L, for Library; M, for Maury Hall; Mo, for Moody Hall; MR (with no number following), for the Music Room in Harrison Hall; RR, for Recital Room in Harrison Hall; W, for Wilson Hall; WR (with no number following), for the Recording Studio in Wilson Hall; YWCA Room is in Alumnae Hall.

*Multiple period courses.

**Laboratory hours by arrangement.

***First four weeks; MWF second four weeks.

PERIOD 1—7:15-8:15 (Continued)

DEPARTMENT	NAME OF COURSE	INSTRUCTOR	DAYS	ROOM
Hist 255	History of Civilization to 1650 ..	Wood	Daily	K14
H E 320	Consumer Economics	Rowe	Daily	Mo219
L S 477	Reference and Bibliography	Finlay	Daily	L10
Math 107a ..	Fundamentals of Mathematics	Staff	Daily	B119
Math 125	Introduction to College Mathe- matics	Hursey	Daily	B320
Math 385	Intermediate Calculus	Taylor	Daily	B117
Mus 200a ..	Music in General Culture	Marshall	Daily	RR
P E 120a	Elementary Golf	Bruce	Daily	FSH
P E 225	Intermediate Tennis	Eller	Daily	Courts & KG
P E 370	Physical Education for Children	Long	MTWF***	K6
Psy 488	Mental Tests and Measurements	Knight	Daily	W25
*Sci 310	Science in the Elementary School	Wells	MWTh	B11
S S 345	Economic Geography	Wilhelm	Daily	K11
*Sp 231-232 ..	Intermediate Spanish	Grimal	Daily	Mo102
Speech 200a	Speech Personality Improvement	Lahaie	MTWF***	M15

PERIOD 2—8:20-9:20

DEPARTMENT	NAME OF COURSE	INSTRUCTOR	DAYS	ROOM
*Art 160	Introductory Painting	Diller	Daily	WA3
*Art 200a	Art in General Culture	Beer	TTh	W40
*Art 200b	Art in General Culture	Beer	MW	W40
Art 306	Art History: Renaissance	Waters	Daily	W37
*Art 310a	Art Activities in the Elementary School	Theodore	Daily	W39
*Bio 110a	General Biology	Phillips	Daily	B215
*Bio 110b	General Biology	Ogle	Daily	B210
*Bio 110c	General Biology	Ferry	Daily	B113
*Bio 280	Bacteriology	Grimm	MWF	B214
*Bio 290N1 ..	Human Anatomy (RMH)	Graves	Daily	B116
*Bio 368	Field Botany	Bodkin	MWF	B201
Bus 487	Marketing	Sanders	Daily	M12
*Chem 101-102	General Chemistry	Chappell and Cool	Daily	B301-316
*Chem. 235-236	Organic Chemistry	Cartlow	Daily	B204
Ed 360a	Foundations of Curriculum	West	Daily	W21
Eng 101c	Reading and Composition	Wilkins	Daily	W32
Eng 101d	Reading and Composition	Sawhill	Daily	W38
Eng 102b	Reading and Composition		Daily	M9

PERIOD 2—8:20-9:20 (Continued)

DEPARTMENT	NAME OF COURSE	INSTRUCTOR	DAYS	ROOM
Eng 233a	Introduction to Literature	Leigh	Daily	W33
Eng 234b	Introduction to Literature	Mahler	Daily	M17
Eng 420	Advanced English Grammar	Curtis	Daily	W31
*Fr 231-232 ..	Intermediate French	Rauch	Daily	Mo101
*Geol 101-102 ..	General Geology	Harnsberger	Daily	B208
*Geol 110	Fundamentals of Geology	Farmer	MTWTh	B206
Hth 304	Traffic and Driver Safety	Long	MTWF*** +**	K6
Hist 233b	United States History to 1865	Hallman	Daily	Mo205
Hist 233c	United States History to 1865	Bland	Daily	M11
Hist 256	History of Civilization since 1650	Wood	Daily	K14
L S 240a	Library Resources for Children	Hoover	Daily	L12
L S 354	Library Resources for Young People	Riddle	Daily	L10
Math 107b	Fundamentals of Mathematics	Hursey	Daily	B320
Math 126	Introduction to College Mathematics	Schmidt	Daily	B119
Math 207	Basic Concepts of Algebra	Ziegenfus	MTWF***	B117
Mus 200b	Music in General Culture	Leland	Daily	RR
P E 120b	Elementary Tennis	Eller	Daily	Courts & KG
P E 160a	Elementary Swimming	Morrison	Daily	Pool
*P E 383	Kinesiology	Bruce	Daily	J1
*P S 110a	General Physical Science	Conway	Daily	B12
*Phys 121-122 ..	General Physics	Gordon	Daily	B14-15
Psy 233a	Human Growth and Development	Winn	Daily	W28
*Sci 310	Science in the Elementary School	Wells	Daily	B11
S S 110a	Introduction to Political Science	Guthrie	Daily	B219
S S 120a	Introduction to Geography	Brown	Daily	K11
S S 210	Introduction to Economics	Rea and Wilhelm	Daily	BA
S S 425	Crime and Delinquency	Whitmer	MTWF***	Mo109
*Sp 231-232 ..	Intermediate Spanish	Grimal	Daily	Mo102
Speech 200b ..	Speech Personality Improvement	O'Hare	MTWF***	M15

PERIOD 3—9:25-10:25

DEPARTMENT	NAME OF COURSE	INSTRUCTOR	DAYS	ROOM
*Art 200b	Art in General Culture	Beer	Daily	W40
*Art 200c	Art in General Culture	Diller	Daily	W37

PERIOD 3—9:25-10:25 (Continued)

DEPARTMENT	NAME OF COURSE	INSTRUCTOR	DAYS	ROOM
*Art 310b	Art Activities in the Elementary School	Theodore	Daily	W39
*Bio 110d	General Biology	Jones	Daily	B108
*Bio 110e	General Biology	Bodkin	Daily	B113
*Bio 120a	General Biology	Ogle	Daily	B210
*Bio 280	Bacteriology	Grimm	MWF	B214
*Bio 290N2	Human Anatomy (RMH)	Graves	Daily	B116
Bus 131	Elementary Typewriting	Walsh	Daily+**	M27
*Chem 101-102	General Chemistry	Chappell and Cool	Daily	B301-316
*Chem 235-236	Organic Chemistry	Partlow	Daily	B204
Ed 358	Arithmetic in the Elementary School	Hopkins	Daily	W21
Eng 101e	Reading and Composition	Leigh	Daily	W33
Eng 101f	Reading and Composition		Daily	W31
Eng 233b	Introduction to Literature	Lacy	Daily	M17
Eng 248	Survey of American Literature	Wilkins	Daily	W32
Eng 330	Imaginative Writing	Loy	Daily	W38
*Fr 231-232	Intermediate French	Rauch	Daily	Mo101
*Geol 101-102	General Geology	Harnsberger	Daily	B208
*Ger 231-232	Intermediate German	Stewart	Daily	Mo102
Hth 203	Safety and First Aid	Edwards	MTWF***	J1
Hist 233d	United States History to 1865	Wood	Daily	M9
Hist 233e	United States History to 1865	Hallman	Daily	Mo205
Hist 487	Medieval History	Marshall, C.	Daily	M11
L S 240b	Library Resources for Children	Finlay	Daily	L10
L S 370a	Audio-Visual Materials	Hoover	Daily+**	L3
Math 107c	Fundamentals of Mathematics	Taylor	Daily	B320
Math 208	Intuitive Foundations of Geometry	Ziegenfus	MTWF***	B117
P E. 140	Elementary Dance	Eller	Daily	AG
*P E 383	Kinesiology	Bruce	TTh	J2
*P S 110a	General Physical Science	Conway	MTWTH	B11
*Phys 121-122	General Physics	Gordon	Daily	B14-15
Psy 233b	Human Growth and Development	Winn	Daily	W28
Psy 476	Psychology of Exceptional Children	Wilson	Daily	H1
S S 120b	Introduction to Geography	Brown	Daily	K11
S S 435	Race and Minority Relations	Rice	MTWF***	Mo109
S S 467	Cultural Anthropology	Smith, E.	Daily	K14
Speech 200c	Speech Personality Improvement	Lahaie	MTWF***	M15

PERIOD 4—10:30-11:30

DEPARTMENT	NAME OF COURSE	INSTRUCTOR	DAYS	ROOM
*Art 123	Introductory Crafts	Beer	MWF	W40
*Art 150	Drawing	Diller	MWF	W37
*Art 200c	Art in General Culture	Diller	TTh	W37
*Art 200d	Art in General Culture	Waters	TTh	W39
*Art 310b	Art Activities in the Elementary School	Theodore	MWF	W39
*Bio 110d	General Biology	Jones	Daily	B108
*Bio 110e	General Biology	Bodkin	Daily	B113
*Bio 110f	General Biology	Grimm	Daily	B210
*Bio 120a	General Biology	Ogle	Daily	B210
*Bio 120b	General Biology	Phillips	Daily	B215
*Bio 270	Human Physiology	Klenner	MWF	B114
*Bio 290N2	Human Anatomy (RMH)	Graves	Daily	B116
*Chem 101-102	General Chemistry	Chappell and Cool	TW	B301-316
*Chem 235-236	Organic Chemistry	Partlow	Daily	B204
Ed 360b	Foundations of Curriculum	Blair	Daily	W21
Ed 470b	History and Philosophy of Educational Thought	West	Daily	W21
Eng 101g	Reading and Composition	Sawhill	Daily	W38
Eng 101h	Reading and Composition		Daily	W32
Eng 101i	Reading and Composition		Daily	M9
Eng 102c	Reading and Composition	Loy	Daily	W33
Eng 430	Modern English Linguistics	Curtis	Daily	W31
*Geol 101-102	General Geology	Harnsberger	Daily	B208
*Ger 231-232	Intermediate German	Stewart	Daily	Mo102
Hth 200b	Personal and Community Health	Edwards	MTWTF***	J1
Hist 233f	United States History to 1865	Marshall, C.	Daily	M11
Hist 234	United States History Since 1865	Bland	Daily	K11
Hist 364	History of Latin America	McFarland	Daily	K14
L S 365	Organization of Materials	Finlay	Daily	L10
L S 478	Cataloging	Riddle	Daily	L12
Math 107d	Fundamentals of Mathematics	Taylor	Daily	B320
Math 107e	Fundamentals of Mathematics	Hursey	Daily	B117
Math 108a	Fundamentals of Mathematics	Schmidt	Daily	B119
Math 365	Modern Algebra	Polites	Daily	B8
Phil 240	Introduction to Philosophy	Lacy	Daily	M17
P E 264	Life Saving	Bruce	MTWTF***	Pool
*Phys 121-122	General Physics	Gordon	Daily	B14-15
Psy 231	General Psychology	Hamrick	Daily	W28
S S 250	Social Problems	Rice and Whitmer	Daily	BA
S S 310	Modern Political Theory	Guthrie	Daily	K6

PERIOD 4—10:30-11:30 (Continued)

DEPARTMENT	NAME OF COURSE	INSTRUCTOR	DAYS	ROOM
Speech 200d Speech 410	Speech Personality Improvement Speech Correction	Lahaie O'Hare	MTWF*** Daily	M15 AS18

PERIOD 5—11:35-12:35

DEPARTMENT	NAME OF COURSE	INSTRUCTOR	DAYS	ROOM
*Art 123	Introductory Crafts	Beer	Daily	W40
*Art 150	Drawing	Diller	Daily	W37
*Art 200d	Art in General Culture	Waters	Daily	W39
*Bio 110f	General Biology	Grimm	Daily	B210
*Bio 120b	General Biology	Phillips	Daily	B215
*Chem 235-236	Organic Chemistry	Partlow	TW	B204
Ed 370	Methods and Materials in Teaching in the Secondary School	Horn	Daily	W21
Eng 101j	Reading and Composition	Wilkins	Daily	W32
Eng 101k	Reading and Composition	Lacy	Daily	W31
Eng 233c	Introduction to Literature	Leigh	Daily	M17
Eng 234c	Introduction to Literature	Sawhill	Daily	W38
Eng 236	Survey of English Literature	Brill	Daily	W33
Fr 250	Conversation and Advanced Composition	Rauch	Daily	Mo101
*Geol 101-102	General Geology	Harnsberger	TW	B208
Hth 200c	Personal and Community Health	Edwards	MTWF***	J1
Hist 233g	United States History to 1865	Hallman	Daily	K11
Hist 233h	United States History to 1865	Marshall, C.	Daily	M11
Hist 350	Virginia History	Dingledine	Daily	K14
L S 366	Administration of School Libraries	Riddle	Daily	L10
L S 370b	Audio-Visual Materials	Hoover	Daily+**	L3
Math 108b	Fundamentals of Mathematics	Schmidt	Daily	B119
Mus Ed 375	Music for Children	Lyon	Daily	RR
P E 160b	Elementary Swimming	Morrison	Daily	Pool
*P S 110b	General Physical Science	Conway	Daily	B11-12
*Phys 121-122	General Physics	Gordon	Daily	B14-15
Psy 357	Psychology of Personality	Winn	Daily	W28
S S 110b	Introduction to Political Science	Guthrie	Daily	K6
S S 139	Principles of Sociology	Rice and Whitmer	Daily	BA
Speech 200e	Speech Personality Improvement	O'Hare	MTWF***	M15

PERIOD 6—1:45-2:45

DEPARTMENT	NAME OF COURSE	INSTRUCTOR	DAYS	ROOM
*Bio 270	Human Physiology	Klenner	TTh	B108
*Bio 368	Field Botany	Bodkin	TTh	B215
Chorus 109, 209, 309, 409	Chorus	Lyon	MTWTh	RR
*P S 110b	General Physical Science	Conway	TTh	B11-12

PERIOD 7—2:50-3:50

DEPARTMENT	NAME OF COURSE	INSTRUCTOR	DAYS	ROOM
*Bio 270	Human Physiology	Klenner	TTh	B108
*Bio 368	Field Botany	Bodkin	TTh	B215
*P S 110b	General Physical Science	Conway	TTh	B11-12

*Multiple period courses.

**Laboratory hours by arrangement.

***First four weeks; MWF second four weeks.

The following courses will operate on an independent or "Hours-to-be arranged" schedule:

DEPARTMENT	NAME OF COURSE	INSTRUCTOR	DAYS	ROOM
Ed 480	Directed Teaching	Hopkins and Horn	Daily	AS L27
Ed 495s	Teaching Problems	Blair	Daily	
L S 480	Directed School Library Service	Mason		
L S 490	Problems in School Librarianship	Palmer		
Mus 171, 172, 173, 174, 175, 176	Massanetta Music Workshop	Lyon	June 20- June 26	
Orchestral and Band Instru- ments (includ. Strings) 115-116, 215-216, 315-316, 415-416	Orchestral Instruments, Private Lessons	Anderson and Marshall		

DEPARTMENT	NAME OF COURSE	INSTRUCTOR	DAYS	ROOM
Organ 115-116, 215-216, 315-316, 415-416	Organ, Private Lessons	Leland		
Piano 115-116, 215-216, 315-316, 415-416	Piano, Private Lessons	Leland		
Voice 115-116, 215-216, 315-316, 415-416	Voice, Private Lessons	Schneider		
P E 370a	See page 82	Long		K6
S S 490	Special Studies in Social Science	Rice and Whitmer	Daily	

GRADUATE—INTERSESSION—JUNE 13-JULY 1

PERIOD 9:00-12:00

DEPARTMENT	NAME OF COURSE	INSTRUCTOR	DAYS	ROOM
Bio 640	Modern Theories Biology	Jenkins	Daily+***	B212
Bus Ed 530 ..	Advanced Studies in the Skill Business Subjects	Anderson, S.	Daily	M23
Bus Ed 640 ..	Seminar in Automated Data Processing Systems	Coffman	Daily	M28
Ed 501B	Seminar in Education and Psy- chology: Educational Televi- sion	Heeb	Daily	YWCA
Ed 501D	Survey of Exceptional Children ..	Covell	Daily	AS Cafeteria
Ed 502	The Elementary School Reading Program	Goff	Daily	AS17
Ed 584	Human Growth and Develop- ment	Caldwell	Daily	W22
Ed 640	The Fundamentals of Education- al Administration	Poindexter	Daily	KB2
H E 679	Seminar in Vocational Home Economics Education	Rowe	Daily	Mo219
Math 540	Introduction to the Theory of Statistics	Smith, A.	Daily	B8
Mus Ed. 613	Seminar: Principles and Practices in Music Education	Flagg	Daily	MR
*P S 510	Earth Science	Farmer	Daily	B206
Sci 512	Natural Resources Conservation		Daily+***	

PERIOD 9:00-12:00 (Continued)

DEPARTMENT	NAME OF COURSE	INSTRUCTOR	DAYS	ROOM
*S S 501A	Economics Seminar: Industry-in-Action	Rea and Wilhelm	Daily	K16
S S 520C	Government Seminar: International Relations	Cline	Daily	W25

*To avoid conflicts with the Eight-Week Session, these courses will have to meet as follows: 9:25 to 12:25 the last two weeks of the Intersession.

**Laboratory hours by arrangement.

***Laboratory and/or field trips in the afternoon.

GRADUATE—SIX WEEKS—JULY 5-AUGUST 12

PERIOD 1—7:15-8:35

DEPARTMENT	NAME OF COURSE	INSTRUCTOR	DAYS	ROOM
Bio 650	Survey of Radiation Biology	Klenner	Daily+**	B114-108
Bus Ed 550	Curriculum Construction in Business Education	Dickerson	Daily	M28
Ed 507	Diagnostic and Remedial Techniques in Reading	Goff	Daily	AS17
Ed 650	Supervision of Instruction	Horn	Daily	W22
S S 550	Problems in State and Local Government	Cline	Daily	K16

PERIOD 2—8:40-10:00

DEPARTMENT	NAME OF COURSE	INSTRUCTOR	DAYS	ROOM
Bio 530	Principles of Genetics	Jones	Daily+**	B104
Bus Ed 630	Seminar in American Business	Dickerson	Daily	M28
Ed 503	Philosophy of Education	Hamrick	Daily	W22
Eng 540	Poetry and Prose of the English Renaissance	Brill	Daily	W25
Hist 635	Topics in History of Civilization	McFarland	Daily	K16
Math 512	Introduction to Abstract Algebra	Polites	Daily	B8
Mus Ed 611	The Supervision and Administration of Music	Lyon	Daily	MR

PERIOD 3—10:05-11:25

DEPARTMENT	NAME OF COURSE	INSTRUCTOR	DAYS	ROOM
Ed 501E	Education of Mentally Retarded Children	Knight	Daily	AS17
Ed 504	Occupational and Educational Information	Tolbert	Daily	YWCA
Ed 540	Basis of Curriculum Development	Kelly	Daily	W21
Eng 580	Studies in the Poetry of the Romantic Movement	Mahler	Daily	W25
Hist 525	United States History 1800-1850	Dingledine	Daily	K16
Math 600	Foundations of Mathematics	Staff	Daily	B318
Mus 563	Twentieth-Century Music	Anderson	Daily	MR
P S 520	Matter and Energy	Wells	Daily+**	B12

PERIOD 4—11:30-12:50

DEPARTMENT	NAME OF COURSE	INSTRUCTOR	DAYS	ROOM
Bio 501	Plant Ecology	Ferry	Daily+**	B113
Ed 518	Growth and Development during Childhood and Preadolescence	Kelly	Daily	W21
Ed 630	Research Methods in Education	Darrin	Daily	AS17
Eng 601	Shakespeare	Locke	Daily	W25
Math 660	Complex Variables	Ziegenfus	Daily	B8
Mus 620	Analytical Studies in Music Literature	Anderson	Daily	MR
S S 600	Contemporary Economics	Rea	Daily	K16

**Laboratory hours by arrangement.

The following graduate courses will operate on an independent or "hours-to-be-arranged" schedule.

DEPARTMENT	NAME OF COURSE	INSTRUCTOR	DAYS	ROOM
Bio 700	Thesis	Staff	Daily Daily	
Bus Ed 680	Reading and Research	Staff		
Bus Ed 700	Thesis	Staff		
Ed 680	Reading and Research	Heeb		
Ed 700	Thesis	Heeb		
Eng 680	Reading and Research	Staff		
Eng 700	Thesis	Staff		
Hist 700	Thesis	Staff		
Mus 700	Thesis	Staff		
Orchestral Instru- ments 511, 512, 513, 514	Orchestral Instruments, Private Lessons	Anderson and Marshall		
Organ 511, 512, 513, 514	Organ, Private Lessons	Leland		
Piano 511, 512, 513, 514	Piano, Private Lessons	Leland		
Voice 511, 512, 513, 514	Voice, Private Lessons	Schneider		
S S 680	Reading and Research	Staff		
S S 700	Thesis	Staff		

EXAMINATION SCHEDULE

GRADUATE COURSES

JULY 1, 1966

9:00 - 12:00 A.M.—Interession Courses

UNDERGRADUATE COURSES

AUGUST 10, 1966

7:15 - 9:45 A.M.—First Period Classes

10:00 A.M. - 12:30 P.M.—Third Period Classes

AUGUST 11, 1966

7:15 - 9:45 A.M.—Second Period Classes

10:00 A.M. - 12:30 P.M.—Fifth Period Classes

AUGUST 12, 1966

7:15 - 9:45 A.M.—Fourth Period Classes

10:00 A.M. - 12:30 P.M.—Sixth Period Classes

GRADUATE COURSES

AUGUST 11, 1966

7:15 - 9:45 A.M.—First Period Classes

10:00 A.M.-12.30 P.M.—Second Period Classes

AUGUST 12, 1966

7:15 - 9:45 A.M.—Third Period Classes

10:00 A.M. - 12:30 P.M.—Fourth Period Classes

Statement of Student in Good Standing

Signature of Registrar _____ Date _____

This student has my approval to enroll in the following courses:

The student will submit this to the registrar of the college last attended. The registrar will complete and sign the appropriate section and then mail it direct to the Director of the Summer Session, Madison College, Harrisonburg, Virginia.

Statement of Honorable Dismissal

Signature of Registrar

Date _____

The student will submit this to the registrar of the college last attended. The registrar will complete and sign the appropriate section and then mail it direct to the Director of the Summer Session, Madison College, Harrisonburg, Virginia

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- ☐ Application for Admission to Summer Session
- ☐ Application for Admission to Graduate Study
- ☐ Graduate School Bulletin

PLEASE

SEND

ME

Name _____

Address _____

City and State _____

Zip Code _____

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DIRECTOR OF THE SUMMER SESSION
MADISON COLLEGE
HARRISONBURG, VIRGINIA 22802

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